रजिस्ट्री सं. डी एल—33001/2000

REGISTERED NO. DL—33001/2000

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 21] नई दिल्ली, शनिवार, मई 20, 2000 (वैशाख 30, 1922)

No. 21] NEW DELHI, SATURDAY, MAY 20, 2000 (VAISAKHA 30, 1922)

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

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Calcutta, the 20th May 2000

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Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492.

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"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
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पेटेंट कार्यालय

एकत्व तथा अभिकल्प

कलकत्ता, दिनांक 20 मई 2000

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोंडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-"पेटोफिस"
फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
उद्योग पालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011-576 6204

पेटेन्ट कार्यालय शाखा,
ब्लॉक सी (सी-4, ए),
तीसरा तल, राजाजी भवन, बसन्त नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनीदीवि द्वीप ।

तार पता - "पेटेंटोफिस"
फोन : 490 1495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय उपस्थित है, उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA

02-03-2000

126/Cal/2000. Steel Authority of India Limited. In-situ oven wall skin temparature measuring device for coke ovens.

127/Cal/2000. Steel Authority of India Limited. Design development for metallic cage for easy lifting of worn-out trough of blast furnaces.

128/Cal/2000. Hwlett-Packard Company. System and method for defining a user interface.

129/Cal/2000. Thomson Multimedia. Method and system for developing and controlling live interactive multimedia applications. (Convention No. 9903462 on 19-3-99 in France).

130/Cal/2000. Ecolab Inc., Antimicrobial acid cleaner for use on organic or food soil. (Convention No. 09/275,065 filed on 23-3-99 in U.S.A.).

03-03-2000

131/Cal/2000. Lin Chung-Min. An improved yarn feeder for knitting machine.

132/Cal/2000. Ethicon Inc., An intravenous catheter assembly and a method of making a combination hub and a catheter. (Convention No. 09/267225 on 11-3-99 in U.S.A.).

133/Cal/2000. PKU Pulver Kautschuk Union GmbH. Process for the continuous preparation of rubber powders and a device for carrying out the process. (Convention No. 99104822.4 on 11-3-99 in Uropean).

06-03-2000

134/Cal/2000. Phooltas Tamper Pvt. Ltd. Adjustable turntable for rail cum road vehicle.

135/Cal/2000. Steel Authority of India Limited. Agricultural tiliage discs with higher hardness and better wear resistance and a process for manufacturing the same.

07-03-2000

136/Cal/2000. Dr. Abhijit De. Chewing Gum composition and a process for preparing the same. (Convention No. 11961 filed on 27-12-99 in Sri Lanka).

137/Cal/2000. Pareek Dinesh. An improved method for waste land development.

138/Cal/2000. Sreemoyee Das. A new mosquito larvicidal agent (Sodium Metasilicate).

139/Cal/2000. Johnson Electric S.A. Small Electric Motor. (Convention No. 9905247.4 filed on 9-3-1999 in United Kingdom).

140/Cal/2000. Steel Authority of India Limited. A thermal barrier coating system for application on subjects/working surfaces exposed to high temperature zones.

141/Cal/2000. Hoechst Aktiengesellschaft. A process for preparing a dyestuff mixture by mechanical mixing the individual dyestuffs. (Divided out of No. 1530/Cal/90 on 27-11-1995).

142/Cal/2000. Hoechst Aktiengesellschaft. A process for preparing a dyestuff mixture. (Divided out of No. 1530/Cal/1995 on 27-11-1995).

08-03-2000

143/Cal/2000. Uni-Charm Corporation. Sanitary Napkin. (Convention No. 11-65470 filed on 11-03-99 in Japan).

144/Cal/2000. Steel Authority of India Limited. A system for carrying out continuous hot dip coating on base metal surfaces.

145/Calx2000. Steel Authority of India Limited. A process for manufacturing hot rolled carbon manganese grade structural plates using accelerated cooling.

09-03-2000

146/Cal/2000. ASV Stubbe GmbH & Co. Kg. Ball valve. (Convention No. 29905371.7 filed on 24-03-1999 in Germany).

147/Cal/2000. Mcdermott Technology, Inc. Offshore deck installation. (Convention No. 09/266,422 on 11-03-1999 in U.S.A.).

148/Cal/2000. Deutsche Thomson-Brandt GmbH. Circuit for stabilizing a high voltage. (Convention No. 199 12 627.5 filed on 20-03-1999 in Germany).

10-03-2000

149/Cal/2000. Lockheed Martin Corporation. Polyphase ac maching controller. (Convention No. 09/266,645 filed on 11-03-1999 in U.S.A.).

150/Cal/2000. Nippon Sprew Co. Ltd. Tang break-off tool. (Convention No. 11-234816 filed on 20-08-1999 in Japan).

13-03-2000

151/Cal/2000. Shri Upendra Nath Baruah. Baruah seal to be used at hc tank dike drain.

152/Cal/2000. Steel Authority of India Ltd. System for improved surface reflectance of cr steel strip through wet temper rolling.

153/Cal/2000. Metallgesellschaft Aktiengesellschaft. Apparatus for fine cleaning organic acids produced by fermentation. (Convention No. 29912559.9 filed on 17-07-1999 in Germany).

14-03-2000

154/Cal/2000. NGK Insulators Ltd. Procelain insulator and method of manufacturing the same. (Convention No. 11-78,837 filed on 24-03-1999 in Japan).

155/Cal/2000. Aesthetic Technologies Pvt. Ltd. An information vending machine.

15-03-2000

156/Cal/2000. Liu Lien-Huang. Cable Skinner.

157/Cal/2000. Steel Authority of India Limited. A process for making high temperature wear & Corrosion resistant rolls for top zone in continuous slab casting machine.

158/Cal/2000. Steel Authority of India Limited. Design of a laboratory testing equipment for evaluation of flow characteristics and setting behaviour of blast furnace taphole mass under simulative working conditions.

159/Cal/2000. Thomson Multimedia. Mechanical filter for acoustic systems and television set equipped with such filters. (Convention No. 9903964 filed on 30-03-1999 in France).

16-03-2000

160/Cal/2000. Shri Rabindra Nath Naskar. High-temparature silicon carbide heating elements.

161/Cal/2000. Moskovsky Gosudarstvenny Institut stali I Splavov (Tekhologichesky Universitet). Method of refining high-carbon metal melt. (Convention No. 9910747 filed on 14-4-99 in Russia).

162/Cal/2000. Aiwa Co. Ltd. Television Receiver. (Convention No. 11-084858 filed on 26-3-99 in Papan).

21-03-2000

163/Cal/2000 Eaton Corporation. Ball ramp intertia brake oil blocking ring. (Convention No. 60/125,771 filed on 23-03-1999 in U.S.A.).

164/Cal/2000. Degussa-Huls Aktiengesellschaft. Flowable cyanuric chloride, process for the production thereof and use thereof. (Convention No. 199 14 616.0 filed on 31-03-1999 in Germany).

165/Cal/2000. North Eastern Regional Institute of Science & Technology. An improved device for cooling hot air or gases.

166/Cal/200. Seb S.A. Heating appliance having a surface with a decorative coating that can change colour.

167/Cal/2000. Junglebyte Pte. Ltd. System and apparatus for providing educational material over a communications network. (Convention No. 9902113-1 filed on 30-04-1999 in Singapore).

168/Cal/2000. American Cyanmid Company. Process for the preparation of benzophenone compounds. (Convention No. 08/479502 filed on 07-06-1995 in U.S.A.).

22-03-2000

169/Cal/2000. Daniel & C. Officine Meccaniche SPA. Method of obtaining an iron-based alloy. (convention No. UD95A000003 filed on 17-01-1995 in Italy). (Divided out of No. 1754/Cal/1995 on 28-12-1995).

170/Cal/2000. Saes Getters S.P.A. Method for increasing the yield in processes of deposition of thin layers onto a substrate and getter devices for carrying out this method. (Convention No. MI99A000744 filed on 12-04-1999 in Italy).

171/Cal/2000. Moskovsky Gosudarstvenny Institut Stali I splavov (Tekonlogichesky Universitet). A process for producing ferrocarbon melt to make steel. (Convention No. 2000103527 filed on 15-02-2000 in Russia).

172/Cal/2000. Thomson Multimedia. Process of managing service informations in a digital television system and associated receiver. Convention No. 9904335 filed on 07-04-1999 in France).

173/Cal/2000. Steel Authority of India Limited. System for levelling the strips in cold rolling mill area.

23-03-2000

174/Cal/2000. GE Yokogawa Medical Systems, Ltd. Medical imagine method and apparatus and ultrasonic imaging mehod and apparatus. (Convention No. 11-106143 filed on 14-04-1999 in Japan).

175/Cal/2000. Steel Authority of India Limited. Method of measurement of sub-surface resiual stress in rails.

24-03-2000

176/Cal/2000. Johnson & Johnson Industria E Comercio Ltd. An absorbent article. (Convention No. PI-9901047-0 filed on 07-04-1999 in Brazil).

177/Cal/2000. Steel Authority of India Limited. System for online elongation measurement and off-gauge detection for quality appraisal of steel strip during skin pass rolling.

178/Cal/2000. Kimberly-Clark Corporation. A photoerasable price marker for goods for sale. (Divided out of No. 881/Cal/95 dated 31-07-1995).

28-03-2000

179/Cal/2000. Mcdermott Technology, Inc., The Babcock & Wilcox Company. Use of sulfide-containing gases and liquors for removing mercury from flue gases. (Convention No. 09/282,817 filed on 31-03-1999 and 09/464,806 filed on 17-12-1999 in U.S.A.).

180/Cal/2000. The Babcock & Wilcox Company and Mcdermott Technology, Inc. Enhanced control of mercury in a wet scrubber through reduced oxidation air floe. (Convention Nos. 09/282,483 filed on 31-03-1999, 08/375,765 filed on 18-08-1999 in U.S.A.).

181/Cal/2000 Steel Authority of India Limited. An improved process for producing nitrate nitrogen from ammoniacal nitrogen and other common nitrogen containing compounds present in coke oven waste water.

29-03-2000

182/Cal/2000. Uni-Charm Corporation. Applicator with sanitary tampon. (Convention No. 11-92655 filed on 31-03-1999 in Japan).

183/Cal/2000. Eaton Corporation. Two speed gerotor motor with external pocket recirulation. (Convention No. 291,671 filed on 14-04-1999 in U.S.A.).

30-03-2000

184/Cal/2000. Uni-Charm Corporation. Applicator with sanitary tampon. (Convention No. 11-92664 filed on 31-03-1999 in Japan).

185/Cal/2000. Asahi Kasei Kogyo Kabushiki Kaisha. A method for producing a monocyclic aromatic hydrocarbon. (Divided out of No. 1287/Cal/95 dated 24-10-95).

186/Cal/2000. Goda Surya Narayan. Tas & Taos sensors.

187/Cal/2000. Steel Authority of India Limited. A portable device for in-situ preheating of dies in closed die forging.

31-03-2000

188/Cal/2000. Steel Authority of India Limited. A process for producing sound welded joints for high strength (YS : 690 MPa min) q & t plates upto 40mm thickness using smaw process.

189/Cal/2000. Thomson Television Components France. High voltage transformer. (Convention No. 99106932.9 filed on 08-04-1999 in EPO).

190/Cal/2000. Deutsche Thomson-Brandt GmbH. Measurment-free g2 calibration of colour picture tube. (Convention No. 19916740.0 filed on 13-04-1999 in Germany).

191/Cal/2000. Mitsuba Corporation. Fuel feed apparatus. (Convention No. 11-103211 filed on 09-04-1999 in Japan).

192/Cal/2000. Biocon India Limited. Solid State fermentation.

03-04-2000

193/Cal/2000. Mandl Gerhard. Nipper for cotton combers. (Convention No. 99890120.1 filed on 13-04-1999 in Europe).

194/Cal/2000. Fleetguard, Inc. Self-driven, cone-stack type centrifuge. (Convention No. 08/378,197 filed on 25-01-1995, 08/583,634 filed on 05-01-1996 in U.S.A.).

195/Cal/2000. Fleetguard, Inc. Self-driven, cone-stack type centrifuge. (Convention No. 08/378,197 filed on 25-01-1995, 08/583,634 filed on 05-01-1996 in U.S.A.).

04-04-2000

196/Cal/2000. Deutsche Thomson-Brandt GmbH. Method and apparatus for preventing illegal usage of multimedia content. (Convention No. 99107643.1 filed on 16-04-1999, 99108640.6 filed on 12-05-1999 in EPO).

197/Cal/2000. Dystar Textilfarben GmbH & Co., Deutschland Kg. Orange-and scarlet-colored mixtures of reactive dyes. (Convention No. 19922826.4 filed on 19-05-1999 in Germany).

198/Cal/2000. Cycolor, Inc. Photosensitive material employing microcapsules. (Convention No. 09/320/098 filed on 26-05-1999 in U.S.A.).

199/Cal/2000. Unex Corporation. Fluid-operated tool. (Convention No. 09/303,868 filed on 03-05-1999 in U.S.A.).

200/Cal/2000. Dulal Chandra Mondal. Jeeban Dhara.

05-04-2000

201/Cal/2000. HSU Shut Chen. Vehicle tire with breaker and heat dissipation arrangement.

202/Cal/2000. Junkers John K. Power Tool. (Convention No. 09/338,616 filed on 23-06-1999 in U.S.A.).

06-04-2000

203/Cal/2000. Amalesh Sirkar. Improved process of manufacturing ethanol from glucose.

204/Cl/2000. Junkers John K. Bolt and fastening device provided therewith. (Convention No. 09/425,331 filed on 22-10-1999 in U.S.A.).

205/Cal/2000. Junkers John K. Continuous fluid-operated wrench. (Convention No. 09/344,893 filed on 25-06-1999 in U.S.A.).

THE PATENT OFFICE BRANCH, CHENNAI NATIONAL PHASE APPLICATION FOR PATENT UNDER PCT CHAPTER-I

(FILED FROM 1-12-1999 TO 31-12-1999)

1. National Phase Application No. IN/PCT/99/00001/CHE Dated 2-12-99.

2. Corresponding PCT Application No. PCT/AU99/00430 Dated 4-6-99.

3. Priority Document No. Australian No. PP3887 & PP 4252.

4. Priority Document Date 4-6-98 and 19-6-98.

5. Name of Applicant SOLA INTERNATIONAL HOLDINGS LIMITED.

6. Title of Invention Shaped Ophthalmic Lenses.

1. National Phase Application No. IN/PCT/99/00002/CHE Dated 6-12-99.

2. Corresponding PCT Application No. PCT/CH99/00165 Dated 23-4-99.

3. Priority Document No. German No. 19824104.6.

4. Priority Document Date 27-4-98.

5. Name of Applicant ABB RESEARCH LIMITED.

6. Title of Invention Nonlinear Resistor with varistor behaviour and method for the production of this resistor.

---

1. National Phase Application No. IN/PCT/99/00003/CHE Dated 13-12-99.

2. Corresponding PCT Application No. PCT/US99/09499 Dated 30-4-99.

3. Priority Document No. USA No. 09/072,439.

4. Priority Document Date 4-5-98.

5. Name of Applicant THE PILLSBURY COMPANY.

6. Title of Invention : Dough packing machine with tiltable spoons.

---

1. National Phase Application No. IN/PCT/99/00004/CHE Dated 13-12-99.

2. Corresponding PCT Application No. PCT/US99/09624 Dated 30-4-99.

3. Priority Document No. USA No. 09/072,438.

4. Priority Document Date 4-5-98.

5. Name of Applicant THE PILLSBURY COMPANY.

6. Title of Invention : Detechable spoon for a dough packing machine.

---

1. National Phase Application No. IN/PCT/99/00005/CHE Dated 13-12-99.

2. Corresponding PCT Application No. PCT/GB/99/01581 Dated 18-5-99.

3. Priority Document No. UK No. 9811019.0.

4. Priority Document Date 21-5-98.

5. Name of Applicant UNIVERSITY OF SURREY.

6. Title of Invention SPEECH CODERS.

---

1. National Phase Application No. IN/PCT/99/00006/CHE Dated 14-12-99.

2. Corresponding PCT Application No. PCT/EP99/02914 Dated 29-4-99.

3. Priority Document No. Europe No. 98201467.2.

4. Priority Document Date 6-5-98.

5. Name of Applicationt MONTELL TECHNOLOGY COMPANY BV.

6. Title of Invention : Catalysts components for the polymerization of olefins.

---

1. National Phase Application No. IN/PCT/99/00007/CHE Dated 14-12-99.

2. Corresponding PCT Application No. PCT/JP99/02914 Dated 19-3-99.

3. Priority Document No. Japan No. 104098/1998.

4. Priority Document Date 30-3-98.

5. Name of Applicant JAPAN TOBACCO.

6. Title of Invention Production method of isoxazolidinedione compound.

---

1. National Phase Application No. IN/PCT/99/00008/CHE Dated 15-12-99.

2. Corresponding PCT Application No. PCT/FR99/01037 Dated 30-4-99.

3. Priority Document No. French No. 98/05605.

4. Priority Document Date 4-5-98.

5. Name of Applicant HUMANOPTICS AG.

6. Title of Invention : An intracular implant.

---

1. National Phase Application No. IN/PCT/99/00009/CHE Dated 21-12-99.

2. Corresponding PCT Application No. PCT/EP99/02913 Dated 29-4-99.

3. Priority Document No. Europe No. 98201466.4.

4. Priority Document Date 6-5-98.

5. Name of Applicant MONTELL TECHNOLOGY COMPANY BV.

6. Title of Invention : Polylefin composition and films obtained therefrom.

---

1. National Phase Application No. IN/PCT/99/00010/CHE Dated 23-12-99.

2. Corresponding PCT Application No. PCT/AU99/00360 Dated 14-5-99.

3. Priority Document No. Australia No. PP3533.

4. Priority Document Date 15-5-98.

5. Name of Applican CATILINA NOMINESS PTY. LTD.

6. Title of Invention Sharps container.

---

1. National Phase Application No. IN/PCT/99/00011/CHE Dated 23-12-99.

2. Corresponding PCT Application No. PCT/IB99/00609 Dated 8-4-99.

3. Priority Document No. Britain No. 9808716.

4. Priority Document Date 25-4-98.

5. Name of Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.

6. Title of Invention : A method of controlling a communication system employing the method.

---

1. National Phase Application No. IN/PCT/99/00012/CHE Dated 27-12-99.

2. Corresponding CT Application No. PCT/IB99/00729 Dated 22-4-99.

3. Priority Document No. Europe No. 98201395.5.

4. Priority Document Date 29-4-98.

5. Name of Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.

6. Title of Invention : A method, device and carrier for encoding multiword information.

ALTERATION OF DATE

183925 1250/Del/95. Filed on 05-07-95 ante dated to 20-05-94.

183921 707/Del/93. Antedated to 08-07-93.

183933 271/Del/91 Filed on 03-04-91 anti date to 8-4-88.

183936 944/Del/91. Filed on 30-09-91 anti date to 16-06-88.

183937 1078/Del/91. Filed on 7-11-91 ante-dated to 19-12-88.

183950 1080/Del/93. Filed on 29-09-93 ante dated to 03-11-89.

183953 1154/Mas/97. Ante-dated to 25th January 1993.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are aceording to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 307- each.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिए जाने चाहिए ।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपए प्रति की अदायगी पर की जा सकती है ।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपए प्रति पृष्ठ धन 30 रुपए की अदायगी पर की जा सकती है ।

Ind. Cl. : 33 A 183911

Int. Cl.[4] : B 22 D 11/06

DEVICE FOR RAPIDLY CHANGING AND MAINTAINING A LATERAL WALL OF A MACHINE FOR THE CONTINUOUS CASTING OF A METAL PRODUCT.

Applicant : USINOR SACILOR, A FRENCH COMPANY OF 4, PLACE DE LA PYRAMIDE, LA DEFENSE 9, 92800 PUTEAUX, FRANCE AND THYSSEN STAHL AKTIENGESELLSCHAFT, A GERMAN COMPANY, OF KAISER-WILHELM-STRASSE 100, D-4100 DUISBURG 11, GERMANY.

Application No. 266/Mas/94 filed on 05th April 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

Device for rapidly changing and maintaining a lateral wall of a machine for the continuous casting of a metal product-comprising two counter-rotary rolls having parallel axes disposed in confronting relation with a given gap therebetween, against the axial ends of which two lateral walls bear so as to define a pouring space between the rolls and comprising a carriage for the shifting of the lateral wall mounted on a support to be movable in the axial direction of the rolls between a forward position and a withdrawn position relative to the rolls, characterized in that it further comprises :

a turret mounted on the carriage to be rotatable about an axis perpendicular to the axis of the rolls, and comprising means for fixing at least two lateral walls in positions which are separated from each other by a rotation through a given angle about the axis of the turret, and

means for shifting the turret in rotation by steps of an amplitude corresponding to said given angle of rotation so as to shift a lateral replacement wall from a stand by position to a position occupied by a lateral wall which is in service and has to be replaced.

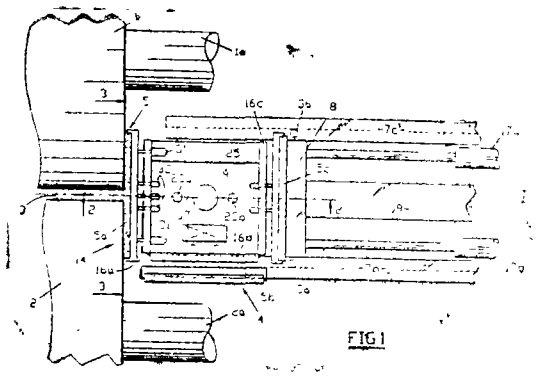


FIG 1

(Compl. Specn. : 26 Pages; Drgns. 04 Sheets)

Ind. Cl. : 23 H 183912

Int. Cl.[4] : B 65 D 67/00

"A PACKAGING LAMINATE AND A PACKAGING CONTAINER PRODUCED FROM THE PACKAGING LAMINATE AND POSSESSING GOOD FAT RESISTANCE PROPERTIES".

Applicant : TETRA LAVAL HOLDING & FINANCE SA, 70, AV. GENERAL-GUISAN, CH-1009 PULLY, SWITZERLAND, A SWISS COMPANY.

Inventors :

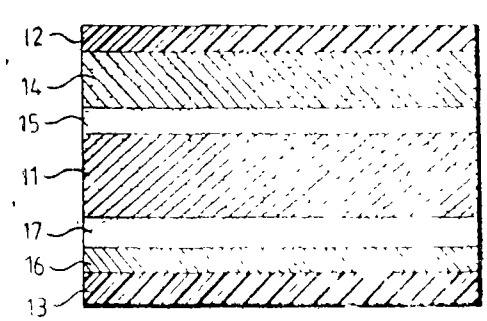
1. INGMAR CHRISTENSSON.
2. BENGT CARLSSON.

Application No. 301/Mas/94 filed on 15th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A packaging laminate for a liquid-tight, configurationally stable packaging container possessing superior fat resistance properties, the packaging laminate (10) having a rigid, but foldable core layer (11) of paper of paperboard, characterized in that it includes a layer (14) which is disposed on the one side (corresponding to the outside of the packaging container) of the core layer (11), and which consists of greaseproof paper which is bonded to the core layer (11) via an interjacent binder of sealant layer (15).



(Compl. Specn. : 9 Pages; Drgns. 1 Sheet)

Ind. Cl. : 129 Q 183913

Int. Cl.[4] : B 23 K 37/00

"DEVICE FOR SPOT WELDING OF STRUCTURES FORMED OF PRESSED SHEET METAL ELEMENTS".

Applicant : COMAU S.P.A., ITALIAN NATIONALITY, OF VIA RIVALTA 30-10095, GRUGLIASCO (TORINO), ITALY.

Inventors : (1) ROSSI CRISTIANO.

Application No. 309/Mas/94 filed on 19th April 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

Device for spot welding of structures formed of pressed sheet metal elements, particularly motor vehicle bodies, comprising :

a welding station (1) provided with programmable automatic welding means (16),

a line (2) for feeding the structures to be welded in sequence to the welding station (1),

at least two pairs of locating gates (17, 18) provided at the welding station (1) so as to be rapidly interchangeable at a work area, said gates carrying devices for locking the elements forming the structure to be welded in the proper assembling position relative to each other, the gates of each pair being provided with locking devices adapted to a respective type of structure to be welded,

said pairs of gates (17, 18) being slidably mounted longitudinally on both sides of said line (2) at the welding station (1), so that they are rapidly movable between a waiting area (W1, W2) and said work area (L), said gates (17, 18) of each pair being also movable transversely of said line (2), when they are at the work area (L), between space apart inopertive positions and relatively close operative positions, in which the locking devices carried by said gates engage the structure which is at the work area L, characterised in that :

(a) said locating gates (17, 18) are mounted on powered carriages (20) which are guided along two tracks (22) on both sides of said line (2),

(b) said line (2) comprises support means (6) for supporting the various elements forming each structure to be welded in a position close to the final assembling position, but with said elements being separate from each other,

(c) said guiding tracks (22) have separate portions (23) which are movable transversely of the longitudinal direction of said line (2) at the work area (L), for displacing the two locating gates (17, 18) which are at the work area (L) between their spaced apart inoperative positions and their relatively close operative positions,

(d) said support means (6) comprises movable parts (29) for supporting two side portions (8) of the structure to be welded, said parts being movable between a first position, for travel along said line (2), in which said side portions (8) are close to each other, and a second position, in which said side portions (8) are spaced apart from each other and are adjacent to two locating gates provided in their spaced apart inoperative positions, so as to allow said side portions (8) to be picked up by said locking devices of said locating gates (17, 18) and then to allow the various elements forming the

structure to be welded to be locked as a result of the displacement of the locating gates (17, 18) into their operative positions.

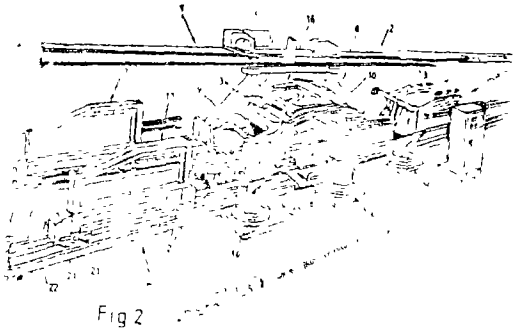


Fig 2

Compl. Specn. : 32 Pages; Drgns. : 10 Sheets

Ind. Cl. : 167 C 183914

Int. Cl.[4] : B 65 G 27/00 : 65/00 : F 26 B 5/00

"VARISTROKE SCREENS".

Applicant : KORAMANGALA NANJAPPA SUNDARA RAMA REDDY, INDIAN NATIONAL, RESIDING AT NO. 462, IV MAIN RAJAMAHAL VILAS STAGE II, BANGALORE-560094, KARNATAKA STATE.

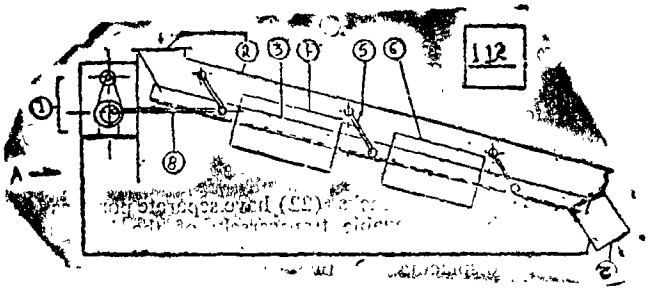
Inventor : 1. KORAMANGALA NANJAPPA SUNDARA RAMA REDDY.

Application No. : 328/Mas/94 filed on 25th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

Varistroke screen (112) with stationary frame in the form of an inclined box, fabricated out of steel plates of at least 5mm thickness, having a plurality of vibrating decks, minimum number being at least one deck, each deck suspended on each side by atleast two inclined hangers, bottom ends of hangers rotably fixed to vibrating decks, and top ends of hangers being rotably fixed to static frame, each deck driven by one varistroke vibrator (109), (110) or (111), through a transmission rod and with inlet chute, discharge chutes, and side access doors.



Compl. Specn. : 16 Pages; Drgns. 11 Sheets

Ind. Cl. : 107 F, G 183915

Int. Cl.[4] : F 02 P 5/00, 7/00

"A DEVICE FOR USE IN AUTOMOBILES FOR ALTERING THE VACUUM ADVANCE CHARACTERISTICS DEPENDING UPON ENGINE SPEED AND FOR AUTOMATICALLY INCREASING THE RESPONSE OF THE VACUUM ADVANCE UNIT OF THE IGNITION DISTRIBUTOR, FOR ENHANCING FUEL ECONOMY".

Applicant : LUCAS-TVS LIMITED, PADI, CHENNAI-600050, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :

1. KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR
2. RAMACHANDRAN VENKATARAMANAN
3. REVANUR HARINDRANATH SUDHAKAR.

Application No. 329/Mas/94 filed on 25th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A device for use in automobiles for altering the vacuum advance characteristics depending upon engine speed and for automatically increasing the response of the vacuum advance unit of the ignition distributor, for enhancing fuel economy, comprising a valve member provided with first, second and third ports respectively connectable to the distributor vacuum unit, the induction manifold and the carburettor port of the engine; means for sensing the engine speed and for causing the said valve member, at or below a predetermined speed, to connect the first and second ports together and, above the said predetermined speed, to connect the first and third ports together.

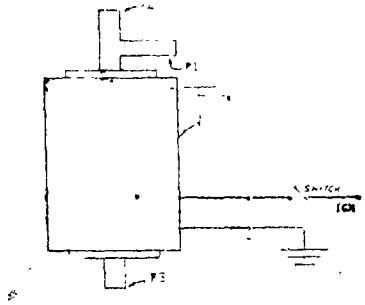


Fig 1

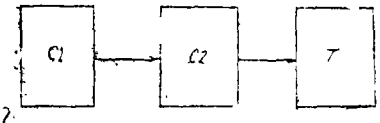


Fig 2

Compl. Specn. 11 Pages; Drgns. 1 sheet

Ind. Cl. : 128 B 183916

Int. Cl.[4] : A 61 F 2/00

"ANCHORING ELEMENT FOR IMPLANTATION IN TISSUE FOR HOLDING PROSTHESES, ARTIFICIAL JOINT COMPONENTS OR THE LIKE".

Applicant : MEDEVELOP AB, P O BOX 5411, S-402 29 GOTHENBURG, SWEDEN. A SWEDISH COMPANY.

Inventor : BRANEMARK, PER-INGVAR.

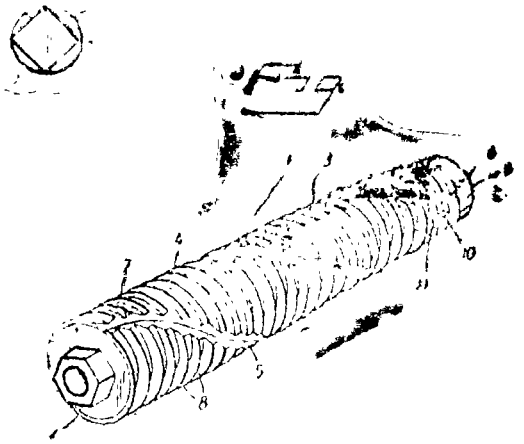
Application No. 336/Mas/94 filed on 26th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

An anchoring element of tissue compatible material for implanation in tissue and comprising a body of generally rotationally symmetrical form having a central axis, the anchoring element having an outer peripheral surface provided

with a screw thread and wherein a notch is formed across at least one turn of the screw thread whereby tissue may grow into said notch. when the anchoring element is implanted in tissue, to form a key to inhibit rotation of the anchoring element in the tissue.



Compl. Specn. 15 Pages; Drgns. 2 Sheets

Ind. Cl. : 15 D 183917
Int. Cl.[4] : F 16 C 23/02

"A BEARING SUPPORT ASSEMBLY".

Applicant : CPC INTERNATIONAL INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, USA. INTERNATIONAL PLAZA, P O BOX 8000 ENGLEWOOD CLIFFS, NEW JERSEY-07632, USA.

Inventor : DANIEL L. BLAHA.

Application No. 338/Mas/94 filed on 26th April, 1994.

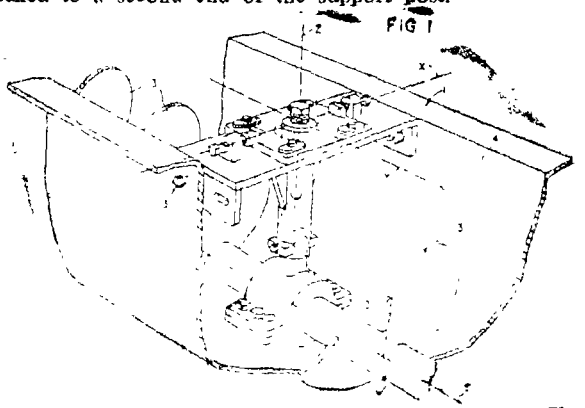
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A bearing support assembly comprising :

a support plate having an upper and a lower surface, and having a support opening; at least one column mounting plate having a plurality of column anchoring slots and a column opening, said column mounting plate in slidable engagement with either the upper surface of the lower surface of the support plate in the direction of the plurality of column anchoring slots; a tubular support column fastened at one end to the column mounting plate at the column opening; wherein said tubular support column extends through the support opening of the support plate when said column mounting plate is in slidable engagement with the upper surface of the support plate; a support post slidably engaged within the tubular support column; vertical adjustment means fastened at one end to a first end of the support post; a first mounting plate having a plurality of mounting plate anchoring slots, said mounting plate affixed substantially perpendicularly to the support plate and movable in the direction of the plurality of mounting plate anchoring slots; and bearing clamp means fastened to a second end of the support post.

FIG 1



Compl. Specn. 32 Pages; Drgns. 4 Sheets

2 —77 GI/2000

Ind. Cl. : 50 E 1 183918

Int. Cl.[4] : F 25 B 17/00

A SORPTION REACTION APPARATUS.

Applicant : ROCKY RESEARCH, 1598 FOOTHILL DRIVE, BOULDER CITY, NEVADA 89005, U.S.A. (A COMPANY INCORPORATED IN THE STATE OF NEVADA, USA).

Inventors :
1. LANCE D. KIROI.
2. UWE ROCKENFELLER

Application No. 349/Mas/94 filed on 28th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch

30 Claims

A sorption reaction apparatus comprising a plurality of reactors containing a solid adsorbent for alternately adsorbing and desorbing a refrigerant thereon, said reactors having reactor heat exchange means for directing a heat transfer fluid in heat exchange exposure to said adsorbent.

means for heating said reactors,

condenser means,

evaporator means,

a heat rejection loop communicating with said reactor heat exchange means of each of the reactors for rejecting heat during adsorption therein, said loop having a first portion for directing vaporized heat transfer fluid from an adsorbing reator to said condenser, and a second portion for directing condensed heat transfer fluid from said condenser to an adsorbing reator,

a heat transfer fluid located in said heat rejection loop capable of a phase change from liquid to gas at a temperature at or below the temperature of adsorption in an adsorbing reactor. and

Vapor operated fluid displacement means cooperating with said second portion of said heat rejection loop for displacing liquid phase heat transfer fluid therefrom to reactor heat exchange means and one or more gas pressure conduits communicating a desorbing reactor with said heat rejection loop for pressurizing the loop with desorbed gaseous refrigerant or vaporized heat transfer fluid.

Fig 2

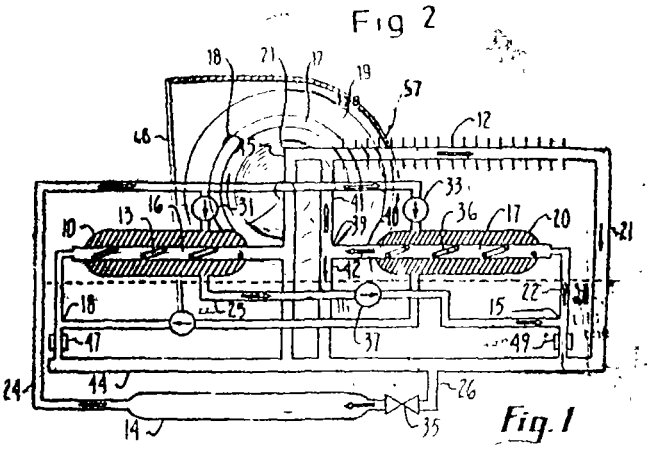


Fig. 1

Compl. Specn. 36 Pages; Drgns. 8 Sheets

Ind. Cl. : 190 B 183919

Ind. Cl.[4] : F 01 K 23/10

"A STEAM TURBINE".

Applicant : BRITISH GAS PLC, RIVERMILL HOUSE, 152, GROSVENOR ROAD, LONDON SWIV 3JL, UNITED KINGDOM, A BRITISH COMPANY.

Inventors :
1. CYRIL TIMMINS
2. KEITH SMITH
3. YUK TAI CHIM
4. BRUCE PAK KEUNG.

Application No. 352/Mas/94 filed on 29th April, 1994.

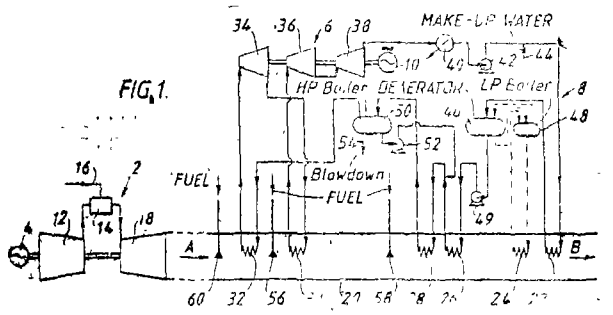
Convention date 12-05-1993, No 93 09735.0, UK.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch

18 Claims

A steam turbine (6) comprising at least a first cylinder arrangement (34) and a second cylinder arrangement (36), said first cylinder arrangement (34) being provided to be driven by steam supplied to the first cylinder arrangement (34) at higher pressure than steam supplied to said second cylinder arrangement (36) to drive the second cylinder arrangement (36) whereby the said steam supplied to the second cylinder arrangement (36) is at a lower pressure relative to said higher pressure, a first heat exchange arrangement (32) to heat the higher pressure steam to be supplied to said first cylinder arrangement (34), a reheater arrangement (30) to heat the lower pressure steam to be supplied to said second cylinder arrangement (36), a passage means (20) to convey away from gas turbine (2) hot exhaust gases said first heat exchange arrangement (32) and said reheater arrangement (30) being each disposed in said passage means (20) to receive heat from said exhaust gases, and with respect to the direction of flow of the exhaust gases in the passage means, said reheater arrangement (30) being disposed downstream of the first heat exchange arrangement (32) characterised by said reheater arrangement (30) being disposed downstream of the first heat exchange arrangement (32) characterised by said reheater arrangement (30) being arranged to receive steam from said first cylinder arrangement (34) to be supplied as a steam at said lower pressure to said second cylinder arrangement (36), said first heat exchange arrangement (32) comprising at least one superheater heat exchanger in which the steam is to be heated, said reheater arrangement (30) comprising at least one reheater heat exchanger in which the steam is to be heated, and heat source means (56) being provided in said passage means (20) downstream of the superheater (32) heat exchanger and upstream of the reheater (30) heat exchanger for heat from said heat source means (56) to augment the heat of the exhaust gases passing from the superheater (32) heat exchanger to the reheater (30) heat exchanger.

FIG. 1.



Compl. Specn. 23 Pages; Drgns. 4 Sheets

Ind. Cly. : 128 G 183920

Int. Cl.[5] : A 61 M 25/00

MEDICAL PROBE DEVICE WITH OPTICAL VIEWING CAPABILITY.

Applicant : VIDAMED, INC., AN US CORPORATION, OF 1380 WILLOW ROAD, SUITE 101, MENLO PARK, CALIFORNIA 94025, U.S.A.

Inventors :
(1) EDWARDS, STUART D
(2) SHARKEY, HUGH R
(3) LUNDQUIST, INGEMER H
(4) LAX, RONALD G
(5) BAKER, JR., JAMES ALLEN

Application No. 368/Mas/94 filed on 04 May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents R.I. 1972) Patent Office Chennai Branch.

29 Claims

A medical probe device for medical treatment of tissue in a body accessible through a natural body cavity comprising an elongate probe member (2) having a proximal extremity and a distal extremity (6) and a longitudinal axis and having a passageway (140) therein extending from the proximal extremity to the distal extremity along the longitudinal axis, a stylet (40) mounted in the elongate probe member, the stylet having proximal and distal extremities and having a conductive radio frequency electrode, a handle (4), means for coupling the handle to the proximal extremity of the elongate probe member, means (334, 338, 10, 11, 12, 13) carried by the handle and connected to the stylet for causing advancement of the stylet through the passageway, means having a radio frequency generator coupled to the stylet for supplying radio frequency energy to the the conductive radio frequency electrode, a return electrode electrically coupled to the radio frequency generator and in contact with the body, the distal extremity of the elongate probe member being in communication with the passageway and permitting the distal extremity of the stylet to be advanced out of the passageway sidewise at an angle with respect to the longitudinal axis, an optical viewing device (14) having a distal extremity with a field of view and means carried by the proximal extremity of the elongate probe member for mounting the distal extremity of the optical viewing device within the distal extremity of the elongate probe member so that the field of view permit viewing the distal extremity of the stylet as it is advanced from the passageway sidewise of the longitudinal axis.

Compl. Specn 32 Pages; Drgns. 15 Sheets

Ind. Cl. : 40B 183921

Int Cl.[4] : B 01J 21/00

AN IMPROVED PROCESS FOR PRODUCING A VANADIUM TITANIUM CATALYST COMPOSITION USEFUL FOR THE PREPARATION OF NICOTINO NITRILE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :
(1) VATTIKONDA VENKATA RAO, INDIA.
(2) KAMARAJU SEETHA RAMA RAO, INDIA.
(3) PANJA KANTA RAO, INDIA.
(4) POTHARAJU SEETHA RAMANJANEYA SAI PRASAD, INDIA.
(5) KALEVARU VENKATA NARAYANA, INDIA.
(6) AKULA VENGOPAL, INDIA.
(7) MACHIRAJU SUBRAHMANYAM, INDIA.
(8) ALLA VENKAT RAMA RAO, INDIA.

Application for Patent Application No. 707/Del/93 filed on 08-07-93.

Divisional out of Patent Application No. 300/Del/93 filed on 08-07-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A process for producing a vanadium titanium catalyst composition useful for the preparation of nicotinenitrile which comprises calcining in the presence of air at a temperature of 500-1300°C, vanadium pentoxide and titanium dioxide or their compounds in the molar ratio of 3-1 : 1-3 to obtain a obtain a vanadium titanium catalyst composition.

Compl. Specn. 8 Pages; Drgn. Sheet Nil

Ind. Cl. : 32 E 183922

Int. Cl.[4] : C08 L 77/00

A PROCESS FOR THE PREPARATION OF CHEMICALLY LINKED BIODEGRADABLE POLYMERS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA

Inventors :

1. MOHAN GOPALKRISHNA KULKARNI, INDIAN.
2. ASAWARI ULHAS NADGAUDA, INDIAN.

Application for Patent No. 345/Del/94 filed on 29-3-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the preparation of chemically linked biodegradable polymers based on trifunctional amino acid derivatives of dicarboxylic acid chlorides optionally with pyhsiologically active substance, which comprises acetylating a trifunctional amino acid derivative of dicarboxylic acid chlorides, of the kind as herein described, by conventional method to form its prepolymer, treating the prepolymer with dicyclo hexyl carbodiimide (DCC) in a conventional polar solvent optionally containing a physiologically active substance as herein defined and melt polymerizing by conventional methods the resulting dicarboxylic acid prepolymer optionally with other said trifunctional diacid prepolymer in a stoichiometrically equivalent weight/weight ratio at a temperature in the range of 120 to 180°C and pressure in the range of 10^{-1} to 10^{-6} mm of Hg under inert atmosphere.

Compl. Specn. 12 Pages; Drgns. Nil Sheets

Ind. Cl. : 32 F 2 (a) 183923

Int. Cl.[4] : C08 L 77/00

A PROCESS FOR THE PREPARATION OF TRIFUNCTIONAL AMINO ACID DERIVATIVES OF DICARBOXYLIC ACID CHLORIDES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors :

1. MOHAN GOPALKRISHNA KULKARNI, INDIAN.
2. ASAWARI ULHAS NADGAUDA, INDIAN.

Application for Patent No. 346/Del/94 filed on 29-3-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

8 Claims

A process for the preparation of trifunctional amino acid derivatives of dicarboxylic acid chlorides useful for the preparation of biodegradable polymers which comprises reacting trifunctional amino acid or its ester having -COOH, $-NH_2$ or -OH groups with dicarboxylic acid chloride in the presence of a conventional base at 0 to 80°C, stirring the mixture, acidifying, filtering, washing the aminoacid derivative so produced with a solvent followed by drying to get corresponding trifunctional amino acid derivative of dicarboxylic acid chlorides.

Compl. Specn. 9 Pages; Drgns. Nil Sheet

Ind. Cl. : 170A. 183924

Int. Cl.[4] : C 11 D, 3/48.

A PROCESS FOR PREPARING A CLEANSING COMPOSITION.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED OF AMERCA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors :

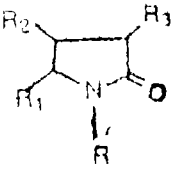
1. RAVI SUBRAMANYAM, USA. AND
2. BEN GU, USA.

Application for Patent No. 757/Del/95 filed on 25th April, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process for preparing a cleansing composition comprising solubalizing an antibacterral agent such as herein described n alkylated pyrrolidone of the formula :



wherein R is alkyl of four to twenty carbon atoms and R_1 R_2 and R_3 are the same or different and are hydrogen or alkyl of one to twelve carbon atoms;

optionally in the presence of a surfactant such as herein described.

Compl Specn. 11 Pages; Drng. Sheet Nil)

Ind. Cl. : 32 F(2b) 183925

Int. Cl.[4] : CO 7D, 499/04.

AN IMPROVED PROCESS FOR THE PRODUCTION OF PENICILLIN V ACYLASE USING B. SPHAERICUS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES, ACT, ACT XXI OF 1860).

Inventors :

1. HEPHZIBHA SIVARAMAN (INDIAN).
2. ARCHANA VISHNU PUNDLE (INDIAN).

Application for Patent No. 1250/Del/1995 filed on 5-7-1995.

Divisional out of Patent Application No. 641/Del/94 filed on 20-05-1994.

Ante dated to 20-05-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

An improved process for the production of penicillin V acylase using B. sphaericus which comprises growing cells of B. sphaericus in the medium as herein described for a period of 18—24 hours at a temperature in the range of 24—30°C.

(Compl. Specn. 8 Pages; Drng. Sheet Nil)

Ind. Cl. : 83 A 1 183926

Int. Cl.[4] : C 09 K—15/04

PROCESS FOR THE PREPARATION OF AN ANTIOXIDANT COMPOSITION.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., OF B. P. 353, 1800 VEVEY, SWITZERLAND.

Inventor(s) RAYMOND BERTHOLET-SWITZERLAND, LADISLAS COLAROW SWITZERLAND, ANDREJ KUSY-SWITZERLAND AND VINCENT RIVIER—SWITZERLAND.

Kind of Application : Complete.

Application for Patent No. 1253/DEL/95 filed on 05-07-95.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch. New Delhi-110005.

10 Claims

Process for the preparation of an antioxidant composition comprising 20 to 60% wt of complex lipids and 10 to 75% of 5-hydroxytryptamides (5-HT) of carboxylic acids and the balance if any comprising diterpene esters, diacylglycerols and triacylglyerols from spent ground coffee oil said process comprising the steps of recovering a gelatinous retentate from a spent ground coffee oil by filtration at room temperature and under a vacuum in the range of 50 to 300mb or at a pressure of 3 to 6 bars, deoiling said retentate and extracting it so as to obtain the said composition in solid form.

Agent : Remfry & Sagar

(Complete Specification 26 Pages Drawing Sheet Nil)

Ind. Cl. : 32 F (2b). 183927

Int. Cl.[4] : C 07 G, 15/00

A Method to Produce a Single-Chain form of a Glycoprotein Hormone.

Applicant : WASHINGTON UNIVERSITY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MISSOURI, OF ONE BROOKINGS DRIVE, ST. LOUIS, MO 63130, UNITED STATES OF AMERICA

Inventor(s) : IRVING BOIME—U.S.A..

Application for Patent No. 1501/DEL/95 filed on 11th August, 1995. Convention Application Nos. 08/289396, 08/310590, 08/334628/USA/12-8-94, 22-8-94, 4-11-94.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent office Branch, New Delhi-110005

(9 CLAIMS)

A method to produce a single-chain form of a glycoprotein hormone selected from thyroid stimulating hormone (TSH), luteinizing hormone (LH), follicle stimulating hormone (FSH) and chorionic gonadotropine (CG), said method comprising culturing, in in vitro culture, modified cells which contain an expression for said single chain glycoprotein hormone comprising a mucleotide sequence encoding a protein of the formula :

$$\alpha\text{-(linker)}_n\text{-}\beta \quad \text{or}$$

$$\beta\text{-(linker)}_n\text{-}\alpha$$

Wherein said - and - subunits consist of the native amino acid sequences of the and - subunit of said glycoprotein hormone or are variants of said amino acid sequences :

linker represents a linker moiety of the kind such as herein described, and

n is o or 1;

said encoding nucleotide sequence operably linked to control sequences that effect the expression of said encoding nucleotide sequence, to produce glycoprotein hormone and re-covering in the known manner the glycoprotein hormone from the culture.

(Complete Specification 38 Pages Drawing Sheets-4)

Ind. Cl. : 60x (d) 183928

Int. Cl.[4] : C 0 7K-3/02.

PROCESS FOR THE PREPARATION OF VERY HIGH PURITY GAMMA INTERFERON.

Applicant : INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, A UNITED NATIONS AGENCY, OF PADRICIANE 99, I-34012 TRIESTE, ITALY.

Inventor(s) : NAVIN KHANNA, INDIA.

Application for Patent No. 1662/Del/1995 filed on 11-09-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

A process for the preparation of very high purity gamma interferon which comprises :

subjecting inclusion bodies obtained by methods known per se from transformed and induced cells of E. coli which express the protein gamma interferon to solubilisation in a guanidine - HCl buffer solution up to a predetermined protein concentration;

rapidly diluting the concentration of said protein in said solution by adding said protein-containing solution to a second buffer solution containing L-Argenine-HCl and incubating the mixture of solutions at a predetermined temperature in order to convert the denatured protein therein to renatured protein;

dialysing the solution of renatured protein, centrifuging the dialysed solution and removing the supernatant containing renatured gamma interferon;

purifying chromatographically the renatured gamma interferon by loading the collected supernatant containing said gamma interferon on to a single ion-exchange S-Sepharose column; and

recovering in any known manner the high purity gamma interferon therefrom.

(Compl. Specn. 17 Pages; Drng. 3 Sheets)

Ind. Cl. : 60x-2x 183929

Int. Cl.[4] : A 61K-31/38.

PROCESS FOR THE PREPARATION OF MODIFIED RELEASE MATRIX FORMULATION OF CEFACLOR/ CEPHALEXIN.

Applicant : RANBOXY LABORATORIES LTD., 19, NEHRU PLACE, NEW DELHI-19.

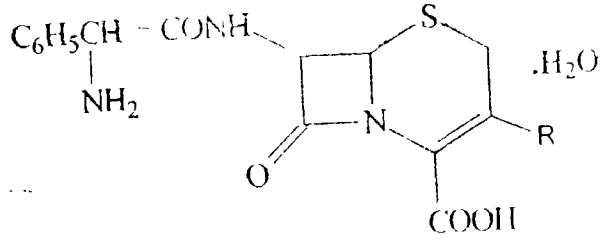
Inventor(s) : JAGDISH ARORA AND HIMADRI SEN, SECTOR-18, UDYOG VIHAR, INDUSTRIAL AREA, GURGAON-122001 (INDIANS).

Application for Patent No. 58/Del/1996 filed on 10-01-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of modified release matrix formulation of cefaclor/cephalexin represented by the formula I



wherein R is either Cl (cefaclor) or CH (cephalexin) which comprises blending 50% to 80% w/w of cefaclor/cephalexin and 5% to 35% w/w of hydrophilic polymers consisting of 0.1% to 15% w/w of hydroxypropyl methyl cellulose and 0.1% to 15% w/w of hydroxypropyl cellulose and the blend obtained is formed into granules by conventional means and the granules are compressed into tablet unit dosage form by conventional tableting process.

(Compl. Specn. 8 Pages; Drwng. 1 Sheet)

Ind. : 32F (2b) 183930

Int. Cl.[4] : CO 7D. 213/04.

A PROCESS FOR THE PREPARATION OF SUBSTITUTED PYRID - 2- YLOXYMETHYL PHENYL ACETATE.

Applicant : ZENECA LIMITED, A BRITISH COMPANY, OF 15 STANHOPF GATE, LONDON WIY 6LN, ENGLAND.

Inventor(s) :
1. DAVID JOHN RITCHIE (UK),
2. GORDON RICHARD MUNNS (UK),
3. JULIE FORRESTER (UK).
4. MICHAEL CHARLES HENRY STANDEN (UK),
5. PAUL ANTHONY WORTHINGTON (UK),
6. RAYMOND VINCENT HEAVON JONES (UK)

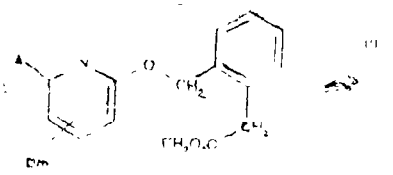
Application for Patent No 1274/Del/96 filed on 10-06-1996.

Conventional Application No. 9513113.2, 9601875.6/UK/ 28-6-95, 31-1-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

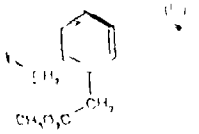
7 Claims

A process for the preparation of a 2-(6-substituted pyrid-2-Yloxymethyl) phenylacetate of the compound of formula (I) :



wherein A and D independently selected from the group comprising halo, hydrogen, halo(C_{1-4}) alkyl, C_{1-4} alkoxy, thio (C_{1-4}) alkoxy, halo (C_{1-4}) alkoxy, phenyl, phenoxy, nitro, amino, acylamine, cyano carboxy, C_{1-4} alkoxycarbonyl and C_{1-4} alkylacarbonyloxy, or D is C_{1-4} alkyl, and m is 0 or an integer of from 1 to 3, which comprises treating a compound of formula (II) :

wherein A, D and m are as defined above and M is a metal atom, with a compound of formula (III) :



wherein L is a leaving group, in a solvent at a temperature in the range of from 10°C to 100°C.

(Compl. Specn. 20 Pages; Drng Sheet Nil)

Ind. Cl. : 24 F. 183931

Int. Cl.[4] : B60T 8/50.

BRAKE BOOSTER.

Applicant : BENDIX FRANCE, A FRENCH COMPANY, OF 126, RUE DE STALINGRAD 93700 DRANCY FRANCE.

Inventors :
1. FRANCK BEQUET &
2. JEAN-JACQUES CARRE.

Application for Patent No. 270/Del/87 filed on 31 March, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

Brake booster comprising a housing, a piston (2) dividing the housing internally into two chambers (3, 4), a distribution valve means arranged in a valve body (6) integral with the

piston structure (2) and actuable by means of an input member (16) to generate a pressure differential selectively between the chambers, the valve means comprising a plunger (14) mounted axially slideably in a coaxial central bore (15) of the valve body (6) and connected to the input member (16), the plunger having at least one peripheral shoulder (19) and defining, at one of its ends, a first flap seat (13), a second flap seat (12) formed in the valve body (6) concentrically relative to the first flap seat (13) and a flap means (11) mounted in the valve body (6) and stressed elastically towards the first and second flap seats, a restoring spring (17) bearing in the valve body (6) and axially stressing the input member (16) in the direction away from the flap seats, and means of positioning the plunger arranged in a radial opening (21) of the valve body (6) opening into the central bore (15) and interacting with the plunger to assign to it at least two separate specific axial positions relative to the valve body, characterised in that the positioning means consist of the combination of a first positioning member (22) fixedly mounted in the radial opening (21) and having an inner end zone extending in the central bore (15) and of a second positioning member (23) mounted rockingly in the radial opening (21) and comprising an inner end zone extending in the central bore (15) between the first shoulder (19) of the plunger (14) and the inner end zone of the first positioning member (22) and interacting with the latter in hinged contact (C), a central portion and an outer end (30) capable of interacting, in the vicinity of the rest position of the booster, with a stationary element (9) connected to the housing to cause the second positioning member (23) to rock from a first position in which the two inner end zones are axially adjacent, and a second position, in the rest position of the booster, in which the second positioning member (23), bearing against the first shoulder (19) by means o fits inner end zone, is set angularly at a distance from the first positioning member (22).

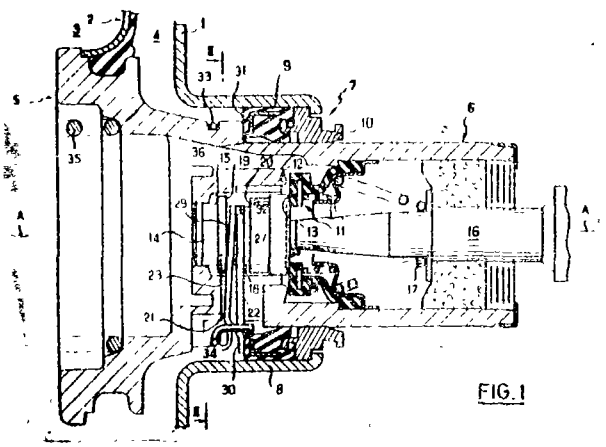


FIG.1

(Compl. Specn. 14 Pages; Drngs. 2 Sheets)

Ind. Cl. : 32E 183932

Int. Cl.[4] : C 08 L 23/00, 23/18.

A POLYOLEFIN COMPOSITION STABILIZED AGAINST OXIDATIVE DEGRADATION.

Applicant : UNIROYAL CHEMICAL COMPANY, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATES OF NEW JERSEY, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT WORLD HEADQUARTERS, MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF AMERICA.

Inventor(s) :

1. JANET DAY CAPOLUPO, USA.
2. THOMAS MAX CHUCTA, USA.

Application for Patent No. 800/Del/1988 filed on 21-09-1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Offie Branch, New Delhi-110005.

2 Claims

A polyolefin composition stabilized against oxidative degradation comprising :

(a) a polyolefin;

(b) from 0.01 to 20 percent of carbon black homogeneously blended with said polyolefin;

(c) upto 0.2 percent of a N-phenyl-N' (p-toluenesulfonyl) P-phenylenediamine first stabilizer component; and

(d) upto 0.2 percent of a second stabilizer component of at least one amine antioxidant selected from the group consisting of a para-substituted aralkyl-substituted diphenylamine; a para-phenylenediamine and a polymerized dihydroquinoline, said first stabilizer and said second stabilizer being present in synergistic amounts in a ratio of between 1:2 to 2:1.

(Compl. Specn. 21 Pages; Drng Sheet Nil)

Ind. Cl. 32 F(4). 183933

Int. Cl.[4] : C 07 C, 161/00.

A LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, U.S.A., OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO, 44092, U.S.A.

Inventor(s) :

1. RICHARD YODICE, USA. AND
2. ALAN CURTIS CLARK, USA.

Application for Patent No 271/Del/91 filed on 3rd April 1991.

Divisional out of Patent Application No. 293/Del/88 filed on 8-4-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A lubricating composition comprising a major of a functional fluid of the kind such as herein described and from about 0.05 to 15% by weight of a basic multiple metal complex of dialkyphosphorodithioic acid defined by the general formula :

$$[Z]_d[(RO)_2PSS]_yM_aX_b$$

wherein M and X represent different metal cations selected from the group consisting of zinc copper, nickel, chromium, iron, cobalt, manganese, calcium, barium, lead, tin, antimony and aluminum; Z is an anion selected from oxygen, hydroxide and carbonate; each R is hydrocarbyl of the kind such as herein described, a and b are integers of at least 1 and are dependent upon the respective oxidation states of M and X; Y is a whole integer which is dependent upon the oxidation states of M and X; and d is an integer of 1 or 2.

(Compl. Specn. 39 Pages; Drng. Sheet Nil)

Ind. Cl. : 206E 183934

Int. Cl.[1] : G 06 F 7/64.

A DIGITAL COMPUTER SYSTEM FOR THE ANALYSIS OF A PLURALITY OF COMPUTER PROGRAMS.

Applicant : DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MARYNARD MASSACHUETTS 01745, UNITED STATES OF AMERICA.

Inventor : RICHARD LEE SITES, USA

Application for Patent No. 685/Del/91 filed on 30-07-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

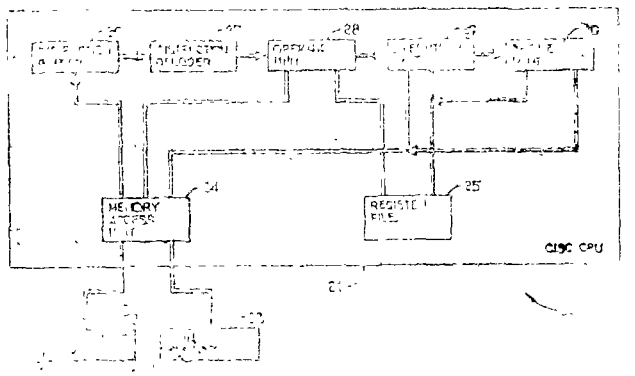
A digital computer system for the analysis of a pluraliy of computer programs, said computer programs including a first computer program and a second computer program, said first computer program including call instruction, that call entry ponits in said second computer program, said second computer program including call instructions that call entry points in said first computer program, said second computer program including determination of effects of calling said entry point in said first computer program being independent upon some effects of calling said entry points in said second computer program and determination of effects of calling said entry points in said second computer program being dependent upon some effects of calling said entry ponts in said first computer program, characterised in that said digital computer system comprising the followng hardware :

(a) first means such as herein described for determining the effects of calling said entry points in said first computer program based on assumptions about said some effect of calling the entry points in said second compter program;

(b) second means such as herein described connected to said first means for determining the effects of calling said entry points in said second computer program based upon the effects of calling said entry points in said fiist computer program determined by said first means; and

(c) third means such as herein described connected to said second means for re-determining the effects of calling said entry points in said first computer program based upon the effects of calling said entry points in said second computer program determined by said second means.

FIG. 1



(Compl. Specn. 139 Pages; Drwng. 28 Sheets)

Ind. Cl. : 88 D. 183935

Int. Cl.[4] : C 10 J 1/00.

A THROATLESS DOWNDRAFT GASIFIER.

Applicant : TATA ENERGY RESEARCH INSTITUTE OF JEEVAN TARA BUILDING, PARLIAMENT STREET, NEW DELHI-110001, A SOCIETY REGISTERED UNDER THE INDIAN SOCIETIES REGISTRATION ACT, 1890, INDIA.

Inventors :

1. VANNENTYNE VINOD NIRAJAN KISHORE, INDIAN,
2. SUNIL DHINGRA, INDIAN AND
3. PERUMAL RAMAN, INDIAN.

Application for Patent No. 549/Del/91 filed on 24th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A throatless down draft gasifier for producing producer gas comprising :

(i) a main chamber (1) having a bed zone extending downwardly into a combustion zone (7).

(ii) air inlets (12) provided in the combustion zone (7) for supply air/oxygen to said combustion one.

(iii) an outlet (16) for discharge of the producer gas being provided near the upper end of said chamber, characterized in that :

(a) a movable grate (14) disposed in said combustion zone being provided for removing ash from said combustion zone (7).

(b) an agitator (10) being provided into said bed zone (5) to ensure movement of the fuel.

(c) cleaning port (12) being provided in the transient zone (6) for cleaning said chamber 1.

(d) a cyclone filter (20) adapted to be connected to said outlet (16) being provided for filtering said producer gas.

(e) a cooler (40) adapted to be connected to the outlet (23) of said filter being provided for cooling said gas, and

(f) a dust filter (9) being connected to the outlet of said cooler for removing dust particles from the gas.

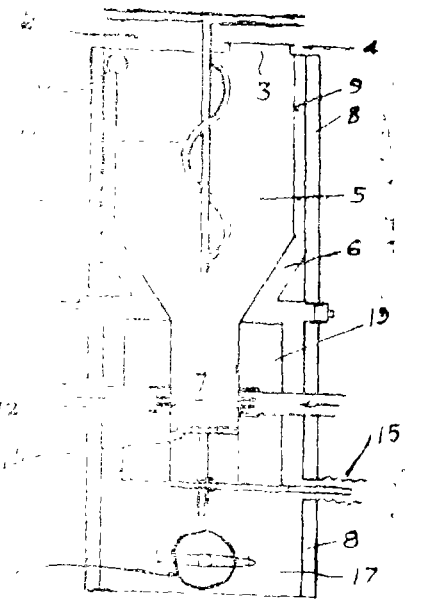


Fig. 1

(Compl. Specn. 13 Pages; Drwng. 1 Sheet)

Ind. Cl. : 170 D. 183936

Int. Cl. : C 11 D. 1/02.

A PROCESS FOR PREPARING AQUEOUS LIQUID DETERGENT.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, U.S.A., OF ONE PROCTER AND GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45217, UNITED STATES OF AMERICA.

Inventors :

1. JOZEF PHILOMENA RAYMOND GEUDENS—U.S.A. AND
2. TJAY YONG YAP—U.S.A.

Application for Patent No. 944/Del/91 filed on 30th Sep., 1991.

Divisional out of Patent Application No. 527/Del/88 filed on 16-6-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Offie Branch, New Delhi-110005.

7 Claims

A process for making an aqueous liquid detergent composition having a pH of at least 8, comprising an organic, non-soap anionic surfactant, a builder, and a solid perborate bleach, characteried in that perborate particles having a weight average particle diameter of from 0.5 to 20 micrometers are formed by in situ crystalliation of the perborate and wherein the sodium metaborate is added to an aqueous liquid comprising the anionic surfactant and the builder, and optionally, a water miscible organic solvent and wherein a stoichiometric amount of a peroxide is added, while stirring until completion of the reaction.

(Compl. Specn. 18 Pages; Drng. Sheet Nil)

Ind. Cl. : 206E. 183937

Int. Cl.[4] : H04B 7/24 & H04M 1/26.

A NET WORK OF TRUNKED COMMUNICATION SYSTEMS.

Applicant : MOTOROLA INC., A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS, UNITED STATES OF AMERICA.

Inventors :

1. RICHARD ALAN COMROE (USA)
2. KENNETH JOHN ZDUNEK (USA).

Application for Patent No. 1078/Del/91 filed on 7-11-91.

Divided out of Patent Application No. 1120/Del/88 dated 19-12-88 ante dated to 19-12-88.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

A network of trunked communication systems (system A, System B, system C), the network for supporting roaming subscriber units that roam between individual trunked communication systems of the plurality of trunked communication systems,

the netwwork having a hub computer for communicating with said plurality of trunked communication systems,

wherein each said trunked communication system of said plurality of trunked communication systems comprises :

a plurality of trunked repeaters;

central controller means coupled to the said plurality of trunked repeaters for allocating the plurality of trunked repeaters among any said subscriber units that are located within the coverage area of said each trunked communication system, and subscriber units having one or more roaming subscriber units, said central controller means having means for communicating information with at least some of said plurality of subscriber units on a selected one of said plurality of trunked repeaters;

local computer means coupled to said central controller means for communicating with said hub computer and for assigning & communicating a roaming identification code to each of the one or more roaming subscriber units for its use while operating within the said each trunked communication system;

interfacing means coupled to the said central controller means for interfacing with a telephone network;

the network having signalling means for supporting the roaming subscriber units, the signalling means having;

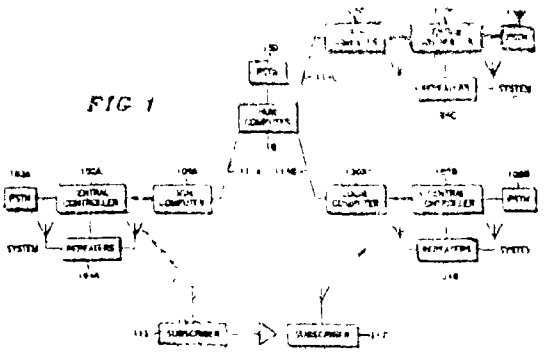
transmitting means as herein described for transmitting a predetermined code on said selected one of said plurality of trunked repeaters, which may be used to identify roaming support capability;

means for receiving as herein described a roaming request code from a subscriber unit;

means for assigning as herein described a roaming identification code to said subscriber unit; and

said transmitting means further arranged for transmitting said roaming identification code to said subscriber unit.

FIG 1



(Compl. Specn. : 18 pages; Drgns. : 5 sheets)

Ind. Cl. : 147 E, J. 183938

Int. Cl.[4] : H 01 S, 1/00.

"AN AMPLIFIER RESPONSIVE TO A SIGNAL SOURCE HAVING A PREDETERMINED SPECTRUM, AND PRE DETERMINED AMPLITUDE".

Applicant : CONTINENTAL ELECTRONICS CORPORATION, 4212 S. BUCKNER BOULEVARD, DALLAS, TEXAS 75227, A CORPORATION OF NEVADA, U.S.A.

Inventor : BRYAN ALEXANDER WEAVER—U.S.A.

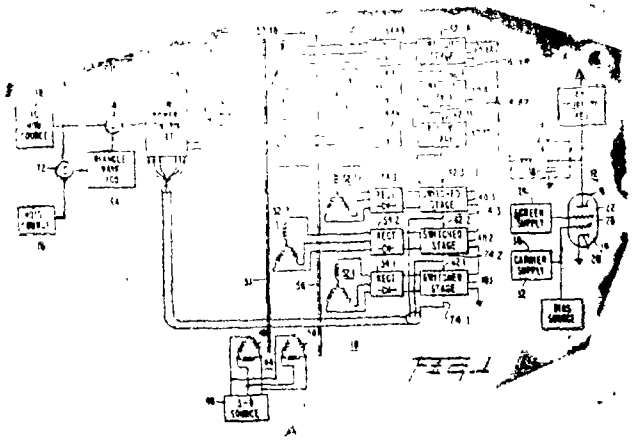
Application for Patent No. 588/Del/92 filed on 9th July, 1992.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

11 Claims

An amplifier (10) responsive to a signal source having a predetermined spectrum, and predetermined maximum amplitude, the amplifier (10) comprising several stages

40-1—40-3 activated only to one of two bi-level states controlled in response to the value of the source (38) exceeding a threshold, bi-level outputs associated with the bi level states of the plural stages being summed together, and drive circuitry responsive to the signal source for driving the at least least several stages, the drive circuitry having a tendency to introduce a perceptible noise level in the outputs of the stages over the predetermined spectrum, and means (68) for spreading the noise level into a wider spectrum and reducing said noise level at all frequencies in the predetermined spectrum.



(Compl. Specn. : 36 pages; Drgns. : 3 sheets)

Ind. Cl. : 55E4, 60x2d, 32C. 183939

Int. Cl.[6] : A 61K 39/00.

"A PROCESS FOR THE PREPARATION OF PURE MONOSPECIFIC POLYCLONAL ANTIBODIES TO MALARIAL LACTATE DEHYDROGENASE (LDH) USEFUL FOR THE DIAGNOSIS OF MALARIA".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, (INDIA) AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860).

Inventor(s) :

1. DEEP CHAND KAUSHAL (INDIAN)
2. DEEPAK CHANDRA (INDIAN)
3. NUZHAT ANWAR KAUSHAL (INDIAN)
4. GURU PRAKASH DUTTA (INDIAN)

Application for Patent No. 991/Del/94 filed on 4-8-1994.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

A process for the preparation of pure monospecific polyclonal antibodies to malarial lactate dehydrogenase (LDH) useful for the diagnosis of malaria which comprises :

(i) Absorbing the serum collected from the animals having antibodies against parasite lactate dehydrogenase to an improved Protein-A Sepharose/Protein-G sepharose column such as described.

(ii) Eluting the column with a buffer having a PH between 2—5 or between 10—11.8 or with a salt such as magnesium chloride/lithium chloride/potasium thiocynate (3—5 M), & neutralising the said fractions eluted with low or high PH buffer.

(iii) Dialysing the said neutralized fractions containing antibodies to parasite Lactate Dehydrogenase with a buffered saline having a pH in the range 6.8 to 9.0 to obtain the said monospecific polyclonal antibodies

(iv) Absorbing the said purified antibodies with lactate dehydrogenase to avoid denaturing.

(Compl. Specn : 10 pages; Drgn. : nil sheet)

Ind. Cl. : 55E-4. 183940

Int Cl : C07K-7/64.

"A PROCESS FOR THE PREPARATION OF CYCLSPORIN A FROM TOLYPOCLADIUM SPECIES".

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION (A GOVERNMENT OF INDIA ENTERPRISES) OF 20—22 ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110048 (INDIA).

Inventors :

1. KOTHANDAPANI BALARAMAN (INDIA)
2. NISHA MATHEW (INDIA)

Application for Patent No. 20/Del/95 filed on 11-1-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

A process for the preparation of cyclosporin A from Tolypocladium sp comprising subjecting Tolypocladium sp to fermentation in a nutrient medium to obtain a fermented medium, extracting the fungal biomass of said fermented medium with methanol to obtain a methanol extract, removing methanol from said extract by the step of evaporation to obtain a first residue, preparing an aqueous solution of said first residue, preparing an ethyl acetate extract of said aqueous solution, decolurizing and concentrating said extract to obtain a second residue and then purifying the second residue chromatographically in two stages namely in a first stage on silica gel coloumn as solid phase and a solvent mixture of hexane, chloroform and methanol as mobile phase and a second stage on resin column as solid phase and methanol as mobile phase.

(Compl. Specn. : 20 pages; Drgns. : nil sheet)

Ind. Cl. : 32F$_1$&$_2$(b) & 55E$_1$. 183941

Int Cl.[6] : A61K 31/00.

A PROCESS FOR THE PREPARATION OF 5-(2-IMIDAZOLINYLAMINE) BENZIMIDAZOLE COMPOUNDS USEFUL AS ALPHA-2 ADRENOCEPTOR AGENISTS.

Applicant : THE PROCTER & GAMBLE CO., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

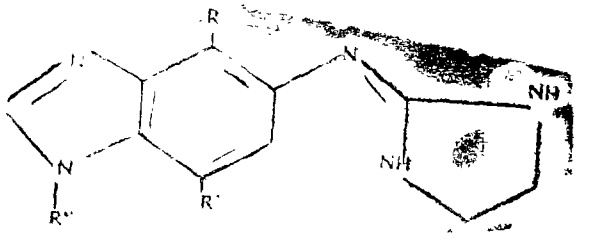
1. THOMAS LEE CUPPS, USA. AND
2. SOPHIE EVA BOGDAN, USA.

Application for Patent No. 42/Del/1995 filed on 16-01-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

19 Claims

A process for the preparation of 5-(2-imidazolinylamino) benzimidazole compound useful as alpha-adrenoceptor agonists having the following structure :

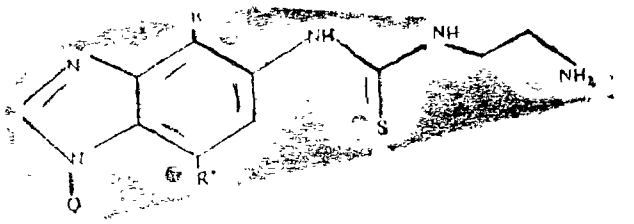


wherein :

(a) R is unsubstituted alkanyl or falkenyl having from 1 to 3 carbon atoms;

(b) R' is selected from the group consisting of hydrogen; unsubstituted alkanyl or alkenyl having from 1 to 3 carbon atoms; unsubstituted alkylthio or alkoxy having from 1 to 3 carbon atoms; hydroxy; thiol; cyano; and halo

(c) R" is selected from the group consisting of hylrogen, methyl, ethyl and iso-propyl comprising reacting the compound of the formula



wherein Q is R" or a protection group and thereafter if Q is a protection group removing said protection group and optionally converting R' as alkoxy or alkylthio to hydroxy or thiol,

with ring closure agent curpic or mercuric acetate to produce the said 5-(2-imidazolinylamino) benzimidazole compound.

(Compl. Specn. 31 Pages)

Ind. Cl. : 55E$_5$. 183942

Int. Cl.^{4} : A 61 K 31/90.

A PROCESS OF PREPARING TETRACYCLIC CERBOLINE DERIVATIVE.

Applicant : ICCS CORPORATION, A U.S. CORPORATION, OF 22021 20TH AVENUE SE, BETHWELL, WASHINGTON WA 98-21. U.S.A.

Inventor : ALAIN CLAUDE MARIE DAUGAN (FRANCE).

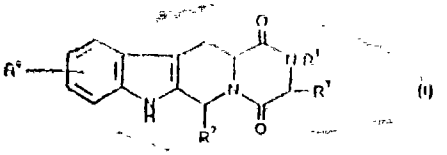
Application for Patent No. 77/Del/1995 filed on 20-1-1995.

Convention date : 21-1-94 (9401090.7/(U.K.).

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), Patent Office Branch, New Delhi-110005.

19 Claims

A process of preparing tetracyclic β carboline derivative: cis and trans isomers, individual enantiomers and racemates thereof of formula (I)

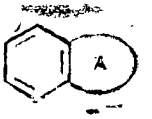


and physiologically acceptable salts and solvates thereof such as hereinbefore described, in which :

R^0 represents hydrogen, halogen or C_{1-6} alkyl;

R^1 represents hydrogen, C_{1-8} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, halo C_{1-6} alkyl, C_{3-8} cycloalkyl C_{1-3} alkyl, aryl C_{1-3} alkyl or heteroaryl C_{1-3} alkyl :

R^3 represents an optionally substituted monocyclic ring selected from benzene, thiophene, furan and pyridine or an optionally substituted bicyclic ring

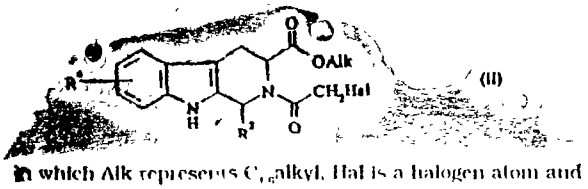


attached to the rest of the molecule via one of the benzene ring carbon atoms and wherein the fused ring A is a 5- or 6-membered ring which may be saturated or partially or fully unsaturated and comprises carbon atoms and optionally one or two heteroatoms selected from oxygen, sulphur and nitrogen; and

R^8 represents hydrogen :

which process comprises :

treating a compound of formula (II)



in which Alk represents C_{1-6} alkyl, Hal is a halogen atom and R^0 and R^2 are as defined above with a primary amine R^1NH_2; followed by

an interconversion step by any known means to produce the compound of formula (I); and/or either salt or solvate formation to yield physiologically acceptable salts and solvates thereof.

(Compl. Specn. 86 Pages)

Ind. Cl. : 55E$_4$. 183943

Int. Cl.^{4} : A 61 K 31/00.

A PROCESS FOR THE PREPARATION OF TRIAZOLO BENZO THIAZINE (THIA)-1-ONES COMPOUND.

Applicant : INDIAN DRUGS & PHARMACEUTICALS LTD., IDPL COMPLEX, DUNDAHERA, DELHI-GURGAON ROAD, GURGAON-122016, INDIA, AN INDIAN GOVERNMENT ORGANISATION.

Inventors :

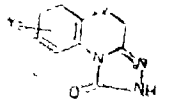
1. GARIMELLA KRISHNA ANJANEYA SUBRAHMANYA SAMBHO NARAYAN,
2. VENKATASUBRAMAIAN HARIHARAKRISHNAN,
3. KOTHAKAPU VEMANA,
4. CHEBOLU SRIKRISHNA AND
5. BARATULA ESWAR RAO.

Application for Patent No. 460/Del/1995 filed on 15-03-1995.

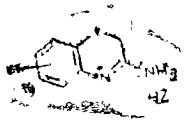
Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), Patent Office Branch, New Delhi-110005.

15 Claims

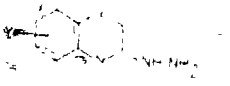
A process for preparation of triazole benzeo thiazine-1-ones compounds of general formula 1,



wherein X=S and Y=H optionally substituted in 6-7, 8- and (or) 9 position comprising reacting the compound of general formula 3

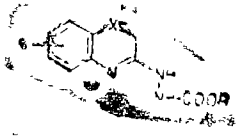


wherein X and Y being the same as mentioned above with anhydrous hydrazine or its hydrate in a polar organic solvent at 20-60°C to obtain the compound of general formula 4



wherein X and Y being the same as defined earlier, reacting said compound of general formula 4

thus obtained with alkyl chloroformate in an aprotic organic solvent (Polar/non-polar) using an oranic base at 20–80°C to obtain compound of formula 2



to cyclization in water miscible organic solvents in the presence of 1, 2-2.0 moles per mole of substrate of inorganic base and 0.5 to 10 mole percent of a phase transfer catalyst as herein described to obtain the desired compound of formula 1.

(Compl. Specn. 18 Pages; Drng. 1 Sheet)

Ind. Cl. : 55 E_{13}, 32F_1. 183944

Int Cl.[4] : A 61 K 31/00.

A PROCESS FOR THE PREPARATION OF 1-(4 SUBSTITUTED-ARYLPIPERAZIN -1-YL)-3- (2-OXOPYRROLIDIN-1-YL) PROPANES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. NEELMA SINHA, INDIAN.
2. SANJAY JAIN, INDIAN.
3. ANIL KUMAR SAXENA, INDIAN
4. NITYA ANAND, INDIAN.
5. GYANENDRA KUMAR PATNAIK, INDIAN.

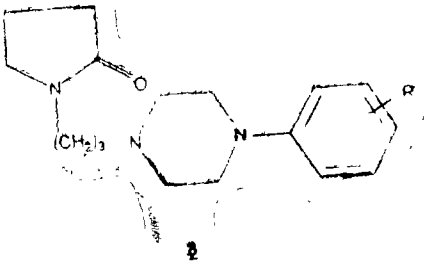
Application for Patent No. 501/Del/1995 filed on 21-03-1995.

Complete after provisional filed on 17-8-95.

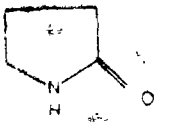
Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), Patent Office Branch, New Delhi-110005.

5 Claims

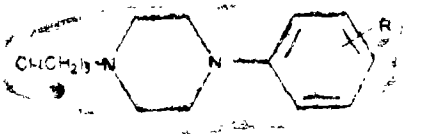
A process for the preparation of 1-(4 substituted-arylpiperazin -1-yl)-3 (2-oxopyrrolidin-1-yl) propanes of the formula 3



shown in the drawing accompanying the provisional specification where R represents chloro, fluoro, ethyl which comprises condensing a 2-pyrrolidone of the formula 1



with 1-(4 substituted-arylpiperazin-1-yl)-3-chloropropanes of the formula 2



where R has the meaning given above in the presence of conventional alkali metal base and an organic aromatic hydrocarbon solvent at a temperature ranging from 120—150°C for a period varying between 80 minutes to 14 hours to produce the corresponding 1-(4-substituted arylpiperazin-1-yl)-3-(2-oxopyrrolidin-1-yl) prepanes of the formula 3 where R has the meaning given above.

(Prov. Specn. 6 Pages; Drng. Nil Sheet)
(Compl. Specn. 9 Pages; Drng. 1 Sheet)

Ind. Cl. : 32F,b, 32F,a, 32F_2, 55F_1. 183945

Int Cl.[4] : A 61 K 31/00.

A PROCESS FOR PREPARING A DITHOBISPHENYL CARBOXAMIDE COMPOUND.

Applicant : WARNER LAMBERT COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 201 TABER ROAD, MORRIS PLAINS, UNITED STATES OF AMERICA.

Inventor(s) :

1. JOHN MICHAEL DOMAGALA, USA.
2. EDWARD FAITH ELSLAGER, USA.
3. ROCCO DEAN GOGLIOTTI, USA.

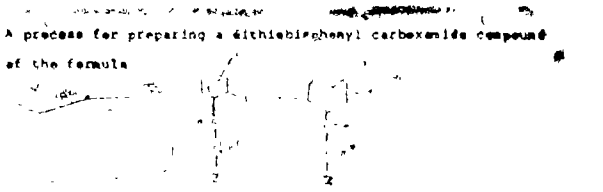
Application for Patent No. 1224/Del/1995 filed on 30-6-1995.

Convention Application No. 08/446917/USA/1-6-95.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972), Patent Office Branch, New Delhi-110005.

3 Claims

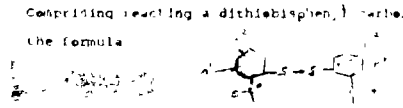
A process for preparing a dithiobisphenyl carboxamide compound of the formula



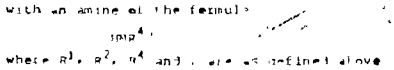
wherein R^1 and R^2 independently are hydrogen, halo, C_1-C_6 alkoxy-carbonyl, or NR^3R^4, where R^3 and R^4 independently are hydrogen or C_1-C_6 alkyl;

Z is C_1-C_6 alkyl or C_3-C_6 cycloalkyl; and wherein said alkyl and cycloalkyl groups may have 1 or 2 substituents selected from hydroxy, halo, nitro, NR^3R^4, COOH, and $COOR^3$, where R^3 and R^4 are as defined above.

Comprising reacting a dithiobisphenyl carboxylic acid halide of the formula



with an amine of the formula



where R^1, R^2, R^4 and Z are as defined above

(Compl. Specn. 114 Pages; Drwng. Sheet Nil)

Ind. Cl. : 32 C, 55 F. 183946

Int. Cl.[4] : C 12 N 9/00.

Title : "A PROCESS FOR THE EXTRACTION OF MIXTURE OF ENZYMES MAINLY CONTAINING OXIDASE, CATALASE, UREASE, ARGININE DECARBOXYLASE USEFUL FOR MINERALIZATION DEGRADATION OF AROMATIC/CHLORO, HYDROXY-SUBSTITUTED AROMATIC COMPOUNDS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors(s) :

1. ANEBAGILU ANDULLA MOHAMMAD KUNHI—INDIAN
2. PAYYUKIZHAKKETHIL VASUDEVAN AJITH KUMAR—INDIAN

Application for Patent No. 1243/Del/95 filed on 4th July, 1995.

Complete left after Provisional Specification filed on 03-10-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the preparation of mixture of enzymes mainly containing oxidase, catalase, urease, arginine decarboxylase useful for mineralization degradation of aromatic compounds which comprises cultivating a novel, mutated Pseudomonas aeruginosa having characteristics such as herein described in a conventional nutrient medium supplemented with respective aromatic compound(s) desired to be degraded in a known manner for at least 24 h, separating supernatant containing the said enzymatic mixture from the biomass by conventional methods.

(Provl. Specifications : 6 pages; Drgn. : sheet nil)
(Compl. Specn. : 17 pages; Drgn. : sheet nil)

Ind. Cl. : 32C 183947

Int. Cl.[4] : CO 7G 17/00

"PROCESS FOR THE PREPARATION OF 4-ACETOXY -2 α-BENZOYLOXY-5β, 20-EPOXY-1, 7β, 10β-TRIHYDROXY-9-OXO-TAX-11-EN-13α-YL (2R, 3S) -3-TERT-BUTOXY-CARBONYL-AMINO-2-HYDROXY -3-PHENYLPROPIONATE THIHYDRATE".

Applicant : RHONE-POULENC RORER S.A., A FRENCH BODY CORPORATE, OF 20, AVENUE RAYMOND ARON, 92160 ANTONY, FRANCE.

Inventor(s) :

1. JEAN RENE AUTHELINE (FRANCE).
2. JACQUES DOVEZE (FRANCE).
3. ELITE FOUQUE (FRANCE).
4. BERNADETTE MANDARD (FRANCE).
5. ISABELIE TAILLEPTED (FRANCE).

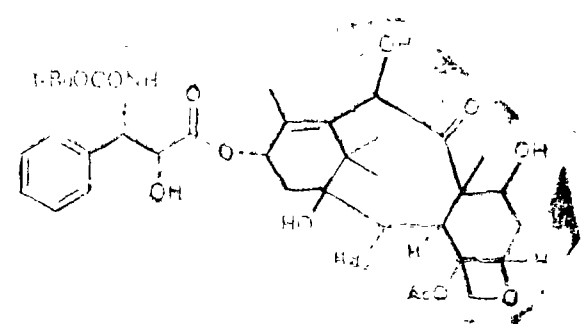
Application for Patent No. 1260/Del/95 filed on 6-7-95.

Convention Application No. 9408479/France/8-7-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

Process for the preparation of 4-Acetoxy-2α-benzotloxy-5β, 20-epoxy-1, 7β, 10β-trithydroxy-9-oxo-tax-11-en-13α-yl (2R, 3S)-3-tert butoxy-carbonyl amino-2-hydroxy-3-phenylpropionate trithydrate which comprises crystallizing 4-acetoxy-2α-benzoyloxy-5β, 20-epoxy-1, 7β, 10β-trithydroxy-9-oxo-tax-11-en-13α-yl (2R, 3S) -3-tert-bntoxycarbonyl amino-2-hydroxy-3-phenyl propionate from a mixtnre of water and an aliphatic alcohol containing 1 to 3 carbon atoms, optionally in the presence of ascorbic acid, and then drying the product obtained under defined conditions of temperature, pressure and humidity.



(Compl. Specn. 11 Pages; Drgn. Sheet Nil)

Ind. Cl. : 83A (1) 183948

Int. Cl.[4] : AO1G 1/04

CASING FOR THE CULTIVATION OF MUSHROOMS AND A PROCESS FOR PREPARING THE CASING.

Applicant : S. A. ROYAL CHAMPIGNON, A FRENCH BODY CORPORATE, OF "CHANTEMERIE", BAGNEUX, 49400 SAUMUR, FRANCE.

Inventor : BERNARD GESLING (FRANCE).

Application for Patent No. 1505/Del/95 filed on 11-8-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

Casing for the cultivation of mushroom, in particular of the cultivated mushroom Agaricus bisporus, comprising a top layer of hardened material based on a hydraulic binder of the kind such as herein described, preferably plaster, in which spaces have been provided for the passage of the mycelium in order to arrive at the surface of said casing, and a bottom sub-layer of peat-containing casing, preferably consisting a mixture of 60 to 80% by volume of peat and 20 to 40% by volume of calcareous tufa.

(Compl. Specn. 11 Pages)

Ind. Cl. : 55 E_4 183949

Int. Cl.[4] : A 61 K - 31/00, 37/00

A PROCESS FOR PRODUCING A CONJUGATE OF A LUCIFERASE ENZYME AND AN ANTIBODY OR NUCLEIC ACID.

Applicant : THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, OF DEFENCE EVALUATION & RESEARCH AGENCY, DRA FAFNBOROUGH, HAMPSHIRE GU 14 6TD, UNITED KINGDOM.

Inventors :

1. DAVID JAMES SQUIRRELL, ENGLAND AND
2. MELENIE JANE MURPHY, ENGLAND.

Application for Patent No. 1624/Del/95 filed on 31st August, 1995.

Convention Application No. 9417593.2/GB/01-9-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

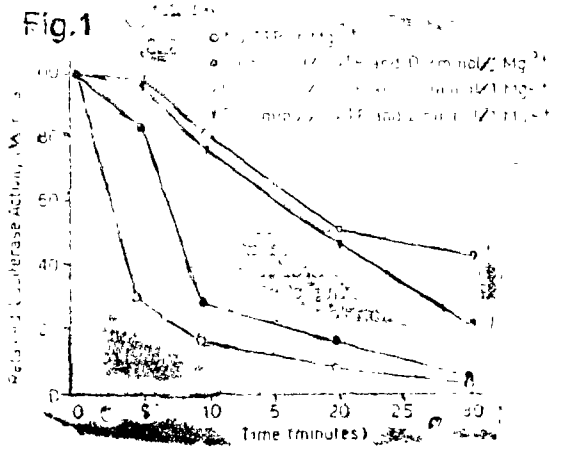
11 Claims

A process for producing a conjudgate of a luciferase enzyme and an antibody or nucleic acid, the said process comprising :

— mixing a luciferase enzyme with at least one protective agent selected from the group consisting of D-Luciferin, magnesium ions and adenosine triphosphate wherein concentration of magnesium ions and adenosine triphosphate are at least 0.2 mmol/l and 0.05-mmol/l respectively; and

— performing a covalent coupling reaction between the luciferase and an antibody or nucleic acid using a covalent coupling agent of the kind such as herein described.

Fig.1



(Compl. Specn. 13 Pages; Drgn. Sheet 1)

Ind. Cl. : 201D, 40 F 183950

Int. Cl.[4] : BO/D-13/04, C08J 5/22

A PROCESS FOR THE MANUFACTURE OF AN ION-EXCHANGE MEMBRANES FOR PURIFICATION OF WATER.

Applicant : NUCHEM PLASTICS LIMITED, AN INDIAN COMPANY OF 20/6, MATHURA ROAD, FARIDABAD-121 006, HARYANA, INDIA.

Inventor(s) :

1. PRATHMESH BARAR, INDIA.
2. ANAND KUMAR MUKHERJEE, INDIA.
3. SURENDER KUMAR, INDIA.

Application for Patent No. 1080/Del 93 filed on 29-09-93.

Divisional out of Patent Application No. 1015/Del/89 filed on 03-11-89.

Ante Dated to 03-11-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A process for the manufacture of ion-exchange membranes useful for purification of drinking water comprising treating a strong base an ion-exchange membranes with potassium iodide for a period of 18 to 24 hours, washing said treated membranes with alcohol/water and then treating the same with a mixture of dimethyl sulphate and methanol/ethanol, for a period of 1/2 to 2 hours followed by washing with water, subjecting said membrances to the step of iodinization by treating the same with an aquous solution of potassium iodide and iodine to get said ion-exchange membrane.

(Compl. Specn. 10 Pages; Drgn. Sheet Nil)

Ind. Cl. : 49 E H 183951

Int. Cl.[4] : F 24 C 7/00

AN ELECTRIC RICE COOKER FOR COOKING RICE UNIFORMLY.

Applicant : DAEWOO ELECTRONICS CO., LTD. 541 5-GA, NAMDAEMOON-RO JUNG-KU, SEOUL, KOREA. SOON HOON BAE, REPUBLIC OF KOREA, A KOREAN COMPANY.

Inventor : SANG-UK YOU.

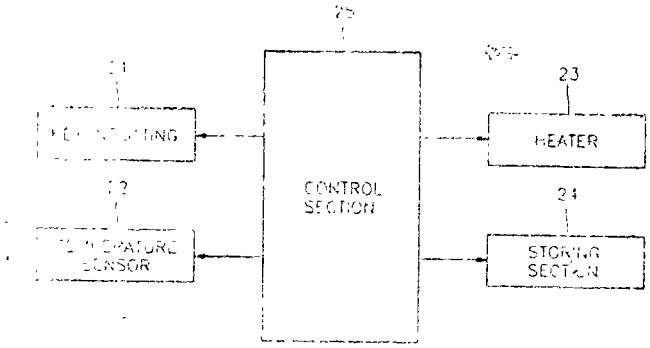
Application No. 1857/Mas/96 filed on 23rd October, 1996.

Convention Date : 23-10-95, No. 95-36623, Korean.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A electric rice cooker for cooking rice uniformly comprising an internal pot located in an electric heater (23 controlled by a programed controller (25) connected to a data storing section (24) having stored data of optimum cooking duration, absorption duration, temperatures at various stages of cooking, duration of steaming, quantity of heat required during various stages of cooking and on/off operation, the said controller (23) being connected to receive inputs from the outputs of a key inputting section (21) to provide command for activating a mode from a menu and start the cooking process and an internal pot temperature Sensor (22) to provide a signal corresponding to the temperature of the internal pot continuously to the controller (23).



(Compl. Specn. 28 Pages; Drgns. 19 Sheets)

Ind. Cl. : 83 B 5 183952

Int. Cl.[4] : A 23K 1/00, 1/165

AN ANIMAL FEED COMPOSITION POSSESSING ENHANCED DIGESTIBILITY AND A PROCESS FOR PREPARING THE SAME.

Applicant : NOVO NORDISK A/S, A DANISH COMPANY OF NOVO ALLE, DK-2880 BAGSVAERD, DENMARK.

Inventors :

1. INGE HELMER KNAP.
2. LENE VEMKE KOFOD.
3. ANDERS OHMANN.

Application No. 1893/Mas/96 filed on 28th October 1996.

Convention No. 1233/95 on 06th November 1995 in Denmark.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

12 Claims

An animal feed composition possessing enhanced digestibility comprising known animal feed components and between 0.01 mg to 200mg of purified endogalactanase per kg of said feed components, said composition optionally containing known feed enhancing enzymes.

Agent : M/s. Depenning & Depenning.

(Compl. Specn. 17 Pages; Drgn. 1 Sheet)

Ind. Cl. : 13 E 183953

Int. Cl.[4] : B 29 C 49/00

A METHOD AND APPARATUS FOR MANFACTURING A BIAXIALLY STRETCHED ELONGATED WEB OF POLYMERIC SHEET MATERIAL.

Applicant : OLE-BENDT RASMUSSEN, A DANISH CITIZEN, OBERSECKI 5, CH-6318 WALCHWIL, SWITZERLAND.

Inventor : OLE-BENDT RASMUSSEN.

Application No. 1154/Mas/97 filed on 30th May 1997.

Divisional to Patent Application No. 45/Mas/93, Antedated to : 25-01-93.

Convention No. 9201880.3 on 29th January 1992 in UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

20 Claims

A method of manufacturing a biaxially stretched elongated web of polymeric sheet material comprises the steps of :

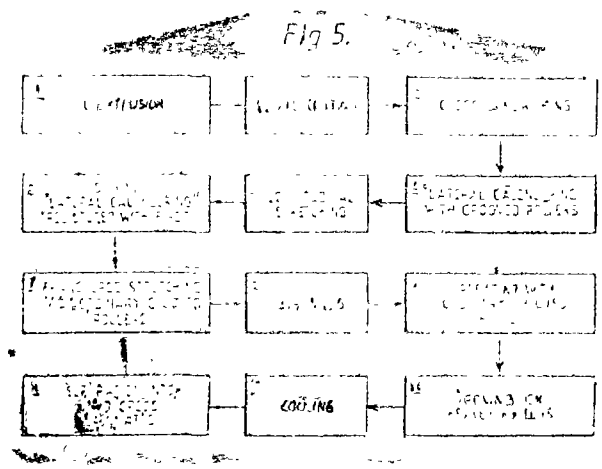
(i) subjecting the web of material to a first simultaneous transverse stretching and forming operation in which opposite surfaces of the material are compressed towards each other over at least laterally spaced longitudinal regions thereof by passing the material through compressionally working opposed, grooved rollers from which the material emerges in a transversely undulating configuration;

(ii) downstream of the compressionally working grooved rollers stretching the web longitudinally by passing the same through opposed rollers rotating at a higher circumferential rate of speed than said compressionally working grooved rollers, and

(iii) subjecting the longitudinally stretched web to a second transverse stretching operation by passing the same through additional opposed grooved rollers, wherein the strentching conditions are selected to remove from the web material a portion of said undulations while retaining at least a trace of said undulations therein; and said second stretching operation is correlated to the undulations of said first operation by either :

(a) adjusting the separation between the undulations in the web to match the separation between the grooves of said additional grooved rollers, or

(b) utilizing for each of said first said second operations opposed grooved rollers having substantially the same separation between the grooves thereof and locating any intervening pair of rollers through which the web passes between said first and second operations sufficiently near a next upstream pair of rollers that the separation between the undulations of the web remains contant.



(Compl. Specn. 54 Pages; Drgns. 7 Sheet)

Ind. Cl. : 32 F2b 183954

Int. Cl.[6] : C 07 D 237/14

A PROCESS FOR THE PRODUCTION OF A PYRIDAZINONE.

Applicant : MONSANTO COMPANY, A CORPORATION OF THE STATE OF DELAWARE, 800 NORTH LINDBERGH BOULEARD, ST. LOUIS, MISSOURI 63167, USA.

Inventors :

1. AJIT S. SHAH.
2. JERRY D. CLARK.
3. YINONG MA.
4. JAMES C. PETERSON.
5. PETTERIS PATELIS.

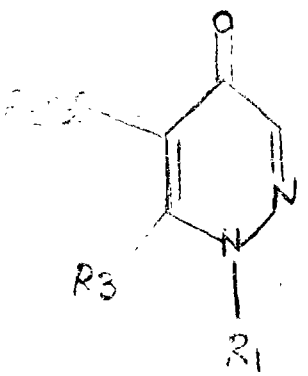
Application No. 1913/Mas/1997 filed on 29th August, 1997.

Convention No. 60/024/963 on 30th August 1996 in USSN.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office, Chennai Branch.

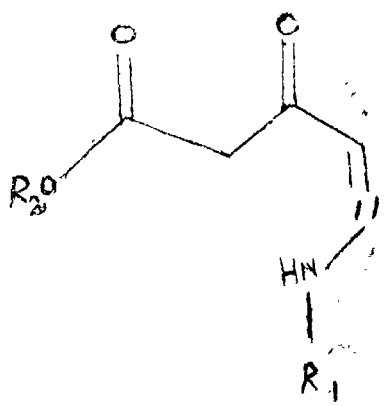
18 Claims

A process for the production of a pyridazinone compound of formula I

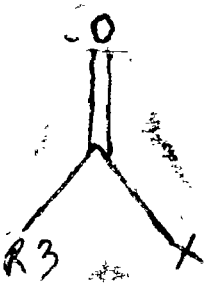


wherein R_1 is an alkyl, cycloalkyl, aryl or heteroaromatic group such as herein described; R_2 is an alkyl group; and R_3 is an alkyl or phenyl group; said alkyl groups having between 1 and 12 carbon atoms, said process comprising the steps of

reacting a hydrazone β-keto ester having the general formula III :



wherein R_2 and R_1 are defined above with an alkyl acid halide of the formula



wherein R_3 is as hereinabove defined and X is a halogen atom, in the presence of a base and an acylation catalyst, such as herein described, to form a diketo ester; reacting said diketo ester with an acid, such as herein described, to obtain said pyridazinone compound of formula I and recovering the same from the reaction mixture in a known manner.

Agent : M/s. Depenning & Depenning.

(Compl. Specn. 19 Pages; Drg. Nil Sheet)

Ind. Cl. : 70 C5, 201 D 183955

Int. Cl.[6] : A 23 C 9/20

A ELECTRODEIONIZATION PROCESS FOR DEMINERLIZING SWEET WHEY.

Applicant : SOCIETE DES PRODUITS NESTLE SA., A SWISS BODY CORPORATE, PO BOX 353, 1800 VEVEY, SWITZERLAND.

Inventors :

1. MICHEL CHAVERON.
2. RAFAEL BERROCAL.

Application No. 2230/Mas/97 filed on 8th October 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

11 Claims

An electrodeionization process for demineralizing sweet whey or a sweet whey concentrate having cations and anions by passing the same through an ion exchange resin bed contained in a dilution compartment between a cation-permeable membrane and an anion-permeable membrane, wherein an electric conductivity field produced from electrodes contained in electrode compartments directs cations from the dilution compartment via the cation-permeable membrane to a cation concentration compartment and directs anions from the dilution compartment via the anion-permeable membrane to an anion concentration compartment, wherein a wash solution is allowed to be passed, into and through the cation and anion concentration compartments for removing cations and anions from the concentration compartments, and where in the said sweet whey or sweet whey concentrate is allowed to be passed through a dilution compartment resin bed having at least a strong cationic exchange resin and maintaining a pH of the wash solution so that the solution present in the cation and anion concentration compartments has a pH value of less than 5, and wherein a demineralized product from which cations and anions have been removed is collected from the dilution compartment.

(Compl. Specn. 20 Pages; Drgn. 1 Sheet)

Ind. Cl. : 73 F 183956

Int. Cl.[5] : B 22 D 11/00

IMPROVED MOULD FOR STEEL CONTINUOUS CASTING, PARTICULARLY FOR THE CONTINUOUS CASTING OF THIN SLABS

Applicant : GIOVANNI ARVEDI, VIA MERCATELLO, 26 CREMONA (ITALY) ITALIAN CITIZEN.

Inventors :

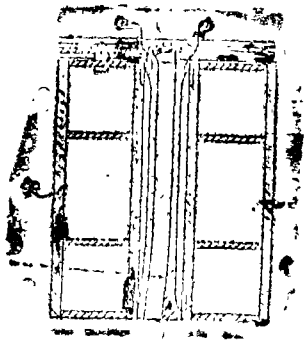
(1) GIOVANNI ARVEDI.
(2) GIOVANNI GOSIO.
(3) MARIO MORANDO.
(4) LUCIANO MANINI.

Application No. 369/Mas/94 filed on 04th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Chennai.

10 Claims

A mould for the continuous casting of thin slabs, the two opposite wider sides of which are formed of copper plates (1, 1') respectively of extrados and intrados both water-cooled, for each of them a basic surface being definable which is coincident with the respective inner wall such that, with respect to the latter, a deviation from the same inner wall is provided in case of possible presence of a central concavity, and wherein the profile of said basic surface shows an arc-shapped bent (A-B) at the lower zone, with the bending centre coincident with the oscillation centre (O) the mould and having radius (R), characterized in that said profile of the basic surface is formed of a number of curves all radiused to each other and with said arc-chaped lower zone, said curves having a decreasing bending radius as the distance from the latter zone increases, without apices and discontinuity at the points of junction between adjoining curves, until approaching an almost infinite radius at opposite upper end (F) where the tangent to the curve is substantially vertical, said point (O) being at the height comprised between the end points of profile, respectively lower (A) and upper (F) ends.



(Compl. Specn. 19 Pages; Drgns. 3 Sheets)

Ind. Cl. : 128 G 183957

Int. Cl.[4] : A 61 M 25/00

MEDICAL PROBE WITH STYLETS.

Applicant : VIDAMED, INC. OF 1380 WILLOW ROAD, SUITE 101, MENLO PARK, CALIFORNIA 94025, USA, AN US COMPANY.

Inventors :

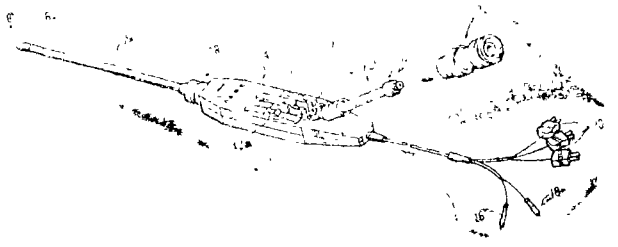
(1) EDWARDS, STUART D.
(2) SHARKEY, HUGH R.
(3) LUNDQUIST, INGEMAR H.
(4) LAX, ROBALD G.
(5) BAKER, JR., JAMES ALLEN.

Application No. 372/Mas/94 filed on 04 May 1994

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Chennai Branch

12 Claims

A medical probe device for medical treatment of tissue at a treatment site in a body accessible through a natural body lumen defined by a wall and opening outside the body to provide a natural body opening comprising a guide housing (2) having proximal and distal extremities and having a passageway (28) extending from the proximal extremity to the distal extremity, a stylet (8) slidably mounted in the passageway and including a flexible conductive electrode (32) with a tip (68) and an insulating sleeve (336) coaxially mounted on the electrode but exposing the tip, guide means (curved surface in 6) carried by the distal extremity of the guide housing and in communication with the passageway for directing the electrode and the insulating sleeve sidewise of the guide housing, handle means (4) coupled to the proximal extremity of the guide housing for introducing the distal extremity of the guide housing into the natural body opening to a position adjacent the treatment site, the handle means including means (334, 338, 10, 11, 12, 13) for advancing the stylet to cause the tip of the electrode to penetrate the wall and extend into the tissue at the treatment site with the insulating sleeve extending through the wall, means (16) for supplying electrical energy to the electrode to cause a thermal effect in the tissue at the treatment site while the insulating sleeve protects the wall from the thermal effect in sulating sleeve protects the wall from the thermal effect caused by the electrical energy, the insulating sleeve being provided with a lumen (58) extending from the proximal extremity to the distal extremity.



(Compl. Specn. 22 Pages; Drgns. 8 Sheets)

Ind. Cl. : 172 D 4 183958

Int. Cl.[4] : D 01 H 1/20

RING FRAMES WITH IMPROVED DRIVE MECHANISM.

Applicant : THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION, COIMBATORE AERODROME POST, COIMBATOR-641 014, A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT 1860.

Inventors :

(1) INDRA DORAISWAMY.
(2) AYIKUDY RAMASUBRAMONIA IYER KALYANARAMAN.
(3) PALANISAMY MUTHUKUMARASWAMY.
(4) VAIYAPURI GOUNDER DORAISAMY.

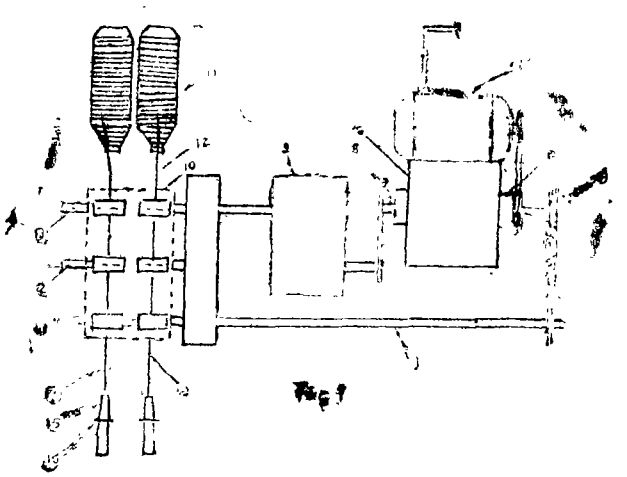
Application No. 503/Mas/94 filed on 13th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A Ringframe with improved drive mechanism comprising a micro processor provided with a predetermined programme, controllable drive means to receive commands from the said micro processor, the said drive means being connected to differential gear arrangement provided with speed input and

cutput shafts for receiving commands transferred from the micro processor through the said drive means, the front and the back rollers of the ringframe being connected to the said input and output shafts, the said front and back rollers rotating at predetermined variable speed for a predetermined period of time at the command of the micro-processor through the said drive means to produce yarn of varied thickness at desired intervals.



Compl. Specn. 11 Pages; Drgns. 2 Sheets

Ind. Cl. : 127 I 183959

Int. Cl.[3] : F 16 H 3/08

SHIFTING APPARATUS FOR A TURNING GEAR WITH AUTOMATIC CHANGE OF TRANSMISSION RATIO WHEN THERE IS A CHANGE IN THE DIRECTION OF THE DRIVING SHAFT.

Applicant : HEIDELBERG DRUCKMASCHINEN AG, KURFURSTEN-ANLAGE 52-60, 69115 HEIDELBERG, GERMANY, A GERMAN COMPANY.

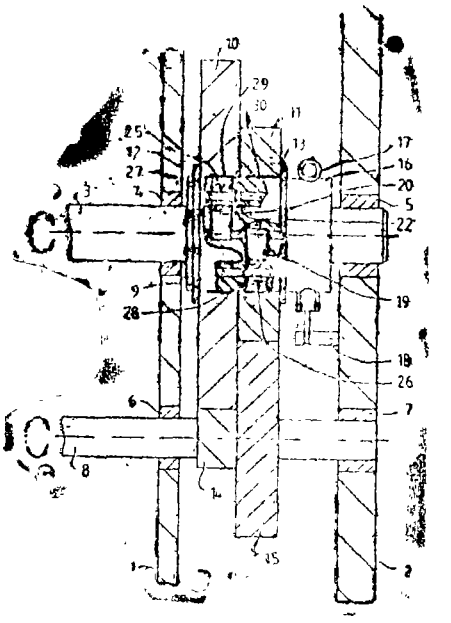
Inventor : KURT LOTSCH.

Application No. 510/Mas/94 filed on 15th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

Shifting apparatus for a turning gear with automatic change of transmission ratio when there is a change in the direction of the driving shaft, consisting of two driving gearwheels disposed coaxially with respect to the driving shaft, said driving gear wheels being of different diameters and each being disconnectable from the driving shaft, further consisting of a driven shaft to which are fixedly connected two driven gearwheels which are in continuous pair-wise engagement with the driving gearwheels, characterized in that a pawl holder (9) is rotatably held on the driving shaft (3), the driving gearwheels (10, 11) are rotatably held on the pawl holder (9), at least one pair of pawls (19, 20) is provided, said pair of pawls (19, 20), causing, through rotation of the driving shaft (3), one of the driving gearwheels (10, 11) to be driven in a different direction (31, 32).



Compl. Specn. 10 Pages; Drgns. 3 Sheets

Ind. Cl. : 86 C 183960

Int. Cl.[4] : A 47 B 83/02

"IMPROVED DINING TABLE WITH ATTACHED SWING ARM CANTILEVER SUPPORTED SEATS".

Applicant : HANUMANTHAPPA SANJEEVAIAH RAJARAM OF A-29, SIPCOT HOUSING COLONY, HOSUR, DHARMAPURI DISTRICT, TAMIL NADU, PIN CODE 635 126 INDIA, AN INDIAN CITIZEN.

Inventors : (1) HANUMANTHAPPA SANJEEVAIAH RAJARAM.

Application No. : 889/Mas/94 filed on 13 September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

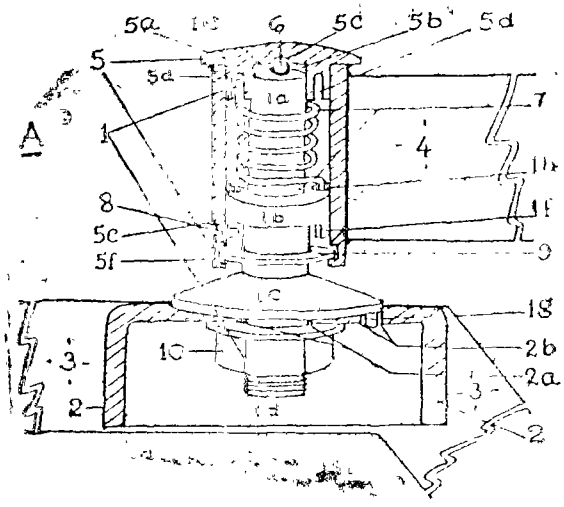
07 Claims

A dining table with attached cantilever swing arm seating system in which each of the cantilever seat-supporting swing-arm is attached to a table leg through a pivoted rotating joint having self contained thrust bearing, rotary locking and ambit regulating arrangement of the swing-arm as well as spring loading facility, all enclosed and concealed inside a covered protective socket which is fitted over a stationary pivot peg which is rigidly mounted either singly or in pairs on a bracket which in turn is rigidly fixed to a table leg, the system comprising :—

a strong vertically projecting smoothly finished round pivot peg which has a flanged base with a lower extension stem which is threaded to take on a nut to facilitate the pivot peg being rigidly mounted on to a bracket by inserting the threaded stem through a hole provided for that purpose on the bracket and fastening it by tightening the nut from below the bracket,

a cantilever swing-arm seat-supporting bar having at its one end a cylindrical socket whose inner dimensions match the pivot peg so as to fit closely over it upto its supporting base and to enable it to be cantilever supported by the pivot peg and be rotatably locked on to it by driving a stud, screw or a pin from outside the socket towards the pivot

peg stem without touching it and be free to move inside a circular or partly circular recess formed on the circumference of the pivot peg stem, the free end of the swing arm bar serving as a mount for a seat.



Compl. Secn. : 17 Pages; Drgns. : 01 Sheet

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT 1970

In pursuance of leave granted under Section 20(1) of the Patent Act application No. 174861 (778/Del/88) of ARROW OIL TOOLS, INC. Delaware, U S A has been allowed to proceed in the name of MASX ENERGY SERVICES GROUP, INC, A DELAWARE CORPORATION OF 3317 WEST 11th STREET, HOUSTON 77008, U S A.

The Claim made by "NIPPON CHEMI-CON CORPORATION, OF 167-1, 1-Chome, Higashiome, Ome-Shi, Tokyo 198, Japan in respect of—Patent Applicatoin No. 178/Mas/92 (180802) has been allowed.

OPPOSITION PROCEEDINGS

An opposition entered by M/s. Research Designs & Standards Organisation, Lucknow to the grant of a patent to the application No. 181520 (507/Cal/94) has been withdrawn and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Indian Space Research Organisation, Karnataka to the grant of a patent to the application No. 181922 (337/Cal/94) has been withdrawn and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Lohia Starlinger Ltd., Kanpur to the grant of a patent to the application No. 182249 (294/Bom/95) has been dismissed and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Lohia Starlinger Ltd., Kanpur to the grant of a patent to the application No. 182250 (295/Bom/95) has been dismissed and the application for patent has been ordered to proceed for sealing.

RENEWAL FEES PAID

174884	182025	183701	179914	175534	181149	169402
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PATENT SEALED ON 20-04-2000

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CAL - 13, DEL - 07, MUM - NIL, CHEN - 06

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries.

Class 1. No. 180523. Indo Japan Pen Mfg Co. Pvt. (Ltd.), at 63, B/C, Government Industrial Estate, Charkop. Kandivli (W), Mumbai 400067. Maharashtra. India ,"PEN", 7th October 1999.

Class 3. No. 180627, Hindustan Lever Limited, registered office at Hindustan Lever House, 165/166 Backbay Reclamation, Bombay 400020, Maharashtra, India, "DEODORANT CONTAINER" 22 October 1999.

Class 3. No. 180345, Jitendra Vrajlal Shah, Flat 5B, Panch Sheel Apartment, 41/1B, Jhowtalla Road, Calcutta-700019, West Bengal, India, Indian national, "Solid Plastic/Fibre Glass Roof for Three Wheeler Vehicle", 13th September 1999.

Class 3. Nos. 180342 & 180346, Jitendra Vrajlal Shah, Flat 5B, Panch Sheel Apartment, 41/1B, Jhowtalla Road, Calcutta-700019, West Bengal, India, Indian national, "Three Wheeler Vehicle", 13th September 1999.

Class 3. Nos. 180325 & 180326, Wright India Pvt. Ltd., an Indian company of 6A, Kiran Sarkar Roy Road, Calcutta-700001, West Bengal, India, "Ball Point Pen", 13th September 1999.

Class 3. Nos. 180520 to 180522, Indo Japan Pen Mfg. Co. Pvt. Ltd., a company incorporated in India carrying on business at 63, B/C Government Ind. Estate, Charkop, Kandivli (W), Mumbai-67, Maharashtra, India, "Pen", 7th October 1999.

Class 10. Nos. 179029 & 179030, Alert India, a partnership firm of address C/1, S.M.A. Industrial Estate, G. T. Karnal Road, Delhi-33, India, "Sole of Footwear", 23rd March 1999.

Class 10. Nos. 179725 to 179732, Alert India, a partnership firm of address C/1, S.M.A. Industrial Estate, G. T. Karnal Road, Delhi-33, India, "Sole of Footwear", 17th June 1999.

Class 11. Nos. 180969 to 180971, Levi Strauss & Co., of 1155, Battery Street, San Francisco, California 94111, U.S.A., a corporation organised & existing under the laws of the State of Delaware, "Jeans", 9th June 1999. (Reciprocity date).

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प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000